SERVICE MANUAL 2500

marantz

model 2500

Stereophonic Receiver

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INTRODUCTION

This service manual was prepared for use by Authorized Warranty Stations and contains service information for Marantz Model 2500 Stereophonic Receiver.

Servicing information and voltage data included in this manual are intended for use by the knowledgeable and experienced technician only. All instructions should be read carefully. No attempt should be made to proceed without a good understanding of the operation of the receiver.

The parts list furnishes information by which replacement parts may be ordered from the Marantz Company. A simple description is included for parts which can usually be obtained through local suppliers.

1. P.W. BOARDS

As can be seen from the circuit diagram the chassis of Model 2500 consists of the following units. Each unit mounted on a printed circuit board is described within the square enclosed by a bold dotted line on the circuit diagram.

1.	FM Front End	mounted on P.W. Board P100
2.	AM Tuner, FM IF & MPX Stereo Decoder . .	mounted on P.W. Board P200
3.	FM Noise Amp	mounted on P.W. Board PB00
4.	FM Buffer Amp	mounted on P.W. Board PC01
5.	Phono Amp & Selector Switch	mounted on P.W. Board P400
6.	Main Amp	mounted on P.W. Board P700
7.	Power Supply	mounted on P.W. Board P800
8.	Pre & Tone Amp	mounted on P.W. Board PE01
9.	Dolby NR Socket	mounted on P.W. Board PK01
10.	Audio Muting	mounted on P.W. Board PN01
11.	Buffer Amp for Scope Input	mounted on P.W. Board PD01
12.	Tape Copy, Tape Monitor & Scope Display Switches	mounted on P.W. Board PS01
13.	Filter Amp	mounted on P.W. Board PT01
14.	Dubbing In & Out Jacks	mounted on P.W. Board PU01
15.	Speaker System Switches & Attenuator	mounted on P.W. Board PW01
16.	Function Indicator . .	mounted on P.W. Board PY01
17.	Dial Lamp	mounted on P.W. Board PZ01
18.	Buffer Amp	mounted on P.W. Board PR50
19.	Scope Amp	mounted on P.W. Board P900
20.	Peak Indicator & Soft Start	mounted on P.W. Board PX01
21.	Power Transistor Connection	mounted on P.W. Board PM01

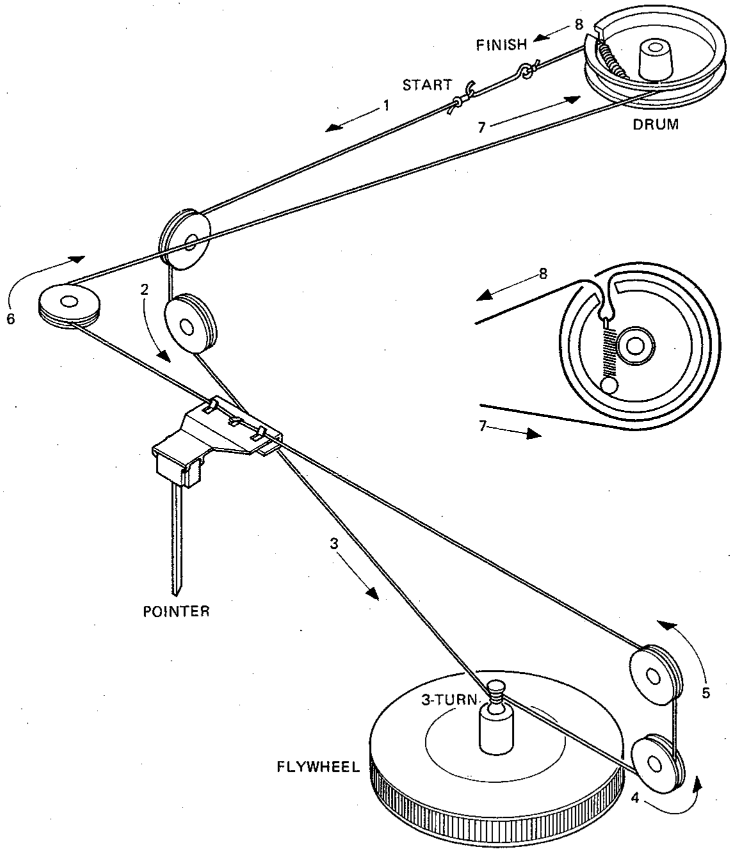


Figure 1. Dial Stringing

2. TEST EQUIPMENT REQUIRED FOR SERVICING

This table lists the test equipment required for servicing the Model 2500 Receiver.

Item	Manufacturer and Model No.	Use
AM Signal Generator		Signal source for AM alignment
Test Loop		Use with AM Signal Generator
FM Signal Generator MPX Signal Generator	Sound Technology Model 1000A	Signal source for FM alignment Stereo separation alignment and trouble shooting
Distortion Analyzer Audio Oscillator AC VTVM	Sound Technology Model 1700A	Distortion measurements Sinewave and squarewave signal source Voltage measurements (AC)
Oscilloscope	Tektronix Model T932 Philips Model 3232	Waveform analysis and trouble shooting and ASO alignment
Frequency Counter	Fluke Model 1900A	MPX Oscillator adjustment (VCO)
Circuit Tester		Trouble shooting
DC VTVM	Fluke Model 8000 "Digital" Simpson Model 313, Triplet Model 801	Voltage measurements (DC)
AC Wattmeter	Simpson Model 1379	Monitors primary power to amplifier
AC Ammeter	Commercial Grade (1-30A)	Monitors amplifier output under short circuit condition
Line Voltmeter	Simpson Model 1359	Monitors potential of primary power to amplifier
Variable Autotransformer	Superior Electronic Co., Powerstat Model 116B–10A	Adjusts level of primary power to amplifier
Shorting Plug	Use phono plug with 600-ohm across center pin and shell	Shorts amplifier input to eliminate noise pickup
Output Load (8 ohms, 0.5%, 300 W)	Commercial Grade	Provides 8-ohm load for amplifier output termination
Output Load (4 ohms, 0.5%, 500 W)	Commercial Grade	Provides 4-ohm load for amplifier output termination

3. AM ALIGNMENT PROCEDURES

3.1 AM IF ALIGNMENT

1. Connect a sweep generator to the J229 and an alignment scope to the test point B.
2. Rotate each core of IF transformers L153 and L154 for maximum height and flat top symmetrical response.

3.2 AM FREQUENCY RANGE AND TRACKING ALIGNMENT

1. Set AM signal generator to 515 kHz. Turn the tuning capacitor fully closed (place the tuning pointer at the low end) and adjust the oscillator coil L152 for maximum audio output.
2. Set the signal generator to 1650 kHz. Place the tuning pointer in the high frequency end and adjust the oscillator trimmer on the oscillator tuning capacitor for maximum audio output.
3. Repeat steps 1 and 2 until no further adjustment is necessary.
4. Set the generator to 600 kHz and tune the receiver to the same frequency and adjust a slug core of AM ferrite-rod antenna L002 and RF coil L151 for maximum output.
5. Set the generator to 1400 kHz and tune the receiver to the same frequency and adjust both trimming capacitors of antenna and RF tuned circuit for maximum output.
6. Repeat steps 4 and 5 until no further adjustment is necessary.

NOTE: **During tracking alignment reduce the signal generator output as necessary to avoid AGC action.**

3.3 AM SIGNAL STRENGTH DISPLAY ADJUSTMENT

Set an AM signal generator to 1000 kHz at 100 dB/m, and adjust R163 so that the spot may meet upper mark.

4. FM ALIGNMENT PROCEDURES

4.1 FM FREQUENCY RANGE AND TRACKING ALIGNMENT

1. Connect an FM signal generator to the FM ANTENNA terminals and an oscilloscope and an audio distortion analyzer to the TAPE MONITOR OUT jacks on the rear panel.
2. Set the signal generator to 87.4 MHz and provide about 3 to 5 μV. Place the tuning pointer at the low frequency end by rotating the tuning knob and adjust the core of

oscillator coil L106 to obtain maximum audio output.

3. Set the signal generator to 109 MHz and provide about 3 to 5 µV output. Rotate the tuning knob and place the tuning pointer at the high frequency end and adjust the trimming capacitor C123 for maximum output.
4. Repeat steps 2 and 3 until no further adjustment is necessary.
5. Set the signal generator to 90 MHz and tune the receiver to the same frequency. Decrease signal generator output until the audio output level decreases with the decreasing generator output. Adjust the antenna coil L101, RF coils L102, L103 and L104 and IF transformer L105 for minimum audio distortion.
6. Set the signal generator to 106 MHz and tune the receiver to the same frequency. Adjust the trimming capacitors CF01, CF02, CF03 and CF04 for minimum distortion.
7. Repeat steps 5 and 6 until no further adjustment is necessary.
8. Connect a VTVM (at DC 1 V range) across the J204 and J205. Adjust the secondary core (upper) of discriminator transformer L201 so that the VTVM indicates null reading (zero reading) at no signal. Set the FM signal generator to 98 MHz and increase its output level 1 kµV and tune the receiver to the same frequency so that the VTVM gives null reading. Adjust the primary core (lower) of L201 for minimum distortion. (Scope display can, of course, be used as tuning indicator instead of the VTVM, if the scope unit has been correctly adjusted as instructed in the "Scope Display Adjustment".)
9. Set the signal generator to 98 MHz at 100 kµV, and adjust R278 so that the signal strength indicator spot just reaches upper mark.

4.2 STEREO SEPARATION ALIGNMENT

1. Set the FM signal generator to provide 1 kµV at 98 MHz. Tune the receiver to the same frequency so that the center tuning indicator spot indicates its center.
2. Turn the signal generator modulation off (with the pilot signal turned off), connect a frequency counter to test point J238, and adjust R310 so that the frequency counter may precisely read 19 kHz.
3. Modulate the signal generator with stereo composite signal consisting only of subchannel signal (of course a pilot signal must be included).
4. Adjust the trimming resistor R319 for maximum and same separation in both channels.

4.3 MUTING CIRCUIT ALIGNMENT

1. Set the FM signal generator to provide 6 µV at 98 MHz and tune the receiver to the same frequency correctly.
2. Depress the FM MUTING pushswitch. Set R001 to MIN position (counterclockwise). Adjust R330 until the muting circuit is activated to produce output for exactly 6 µV input.
3. In turn increase the FM signal generator output up to 50 µV.
4. Set R001 to MAX position (clockwise). Adjust R347 until the muting circuit is activated to produce output for exactly 50 µV input.
5. Turn R001 from MIN to MAX to assure the muting threshold level can change in the range of 6 to 50 µV.
6. Adjust R001 until the muting threshold level is 12.5 V. Then, increase the FM signal generator output up to 1 kµV and shift its frequency up and down. Note both up- and down-shifted frequencies at which undesirable audio side responses are muted out. Adjust R280 until the muting circuit is activated when the oscilloscope trace deflects 10 to 20 mm.

4.4 DOLBY FM TAPE OUTPUT SETTING

1. Set the modulation of FM signal generator to 400 Hz, 50% (±37.5 kHz Dev.).
2. Set the signal generator to provide 1 kµV at 98 MHz. Tune the receiver to the same frequency so that the center tuning meter pointer indicates its center.
3. Set the SELECTOR switch to the FM 25 µS position. Set the trimming resistors RC01 and RC02 so that the output of the TAPE MONITOR OUT jacks R and L become 580 mV at VTVM.

5. AUDIO ADJUSTMENT

1. Voltage adjustment
   Connect a DC voltmeter across the pins 4 and 3 on J805. Adjust the trimming resistor R819 until the DC voltmeter reads 32 V.
2. Main Amplifier DC off-set alignment
   Connect a DC voltmeter with 0.5 or 1 V range between the speaker terminals and adjust the trimming resistor R760 for "zero" DC output on the meter. Repeat the same procedure for the other channel.

NOTE: During this alignment no load should be connected to the speaker terminals.

3. Idle current adjustment
   Connect a DC voltmeter (in 50 mV range) across TP1 and TP2 on JX01. Adjust R716 on the P.W. board on the left side of the tunnel heatsink until the voltmeter reads 25 mV (32 mA). In turn, connect the voltmeter across TP3 and TP4 on JX02 and similarly, adjust R716 on the P.W. board on the right side of the tunnel heatsink until the voltmeter reads 25 mV (32 mA).
4. Check DC off-set voltage aligned in the procedure 3 and if any DC output is observed on the DC voltmeter, adjust the R760 again for "zero" output.

CAUTION: CONTINUOUS POWER OUTPUT TESTS.

Continuous sine wave tests at high audio power levels impose a maximum loading condition for the power supply, particularly when testing with 4 ohm output loads, and far exceeds power supply loading encountered with program materials. A primary line fuse has been selected for the Model 2500 which will open if the following 4 ohm testing periods are exceeded:

A. At rated power of 330 watts per channel.
Testing period- 45 minutes max.

B. At power levels above 330 watts per channel.
Individual tests- 1 minute max.

6. SCOPE DISPLAY ADJUSTMENT

1. Set the SELECTOR switch to the AUX position.
2. Set the SCOPE LEVEL and VOLUME controls to the FCCW position.
3. Depress the SCOPE DISPLAY ON and AUDIO push-switches in.
4. Adjust the CENTERING controls until the spot comes in the center of the small circle.
5. Adjust the BRIGHT control (R002) on the rear panel until the brightness becomes dark a little.
6. Adjust the FOCUS control so that the spot may become smaller and circular.
7. Turn the SCOPE LEVEL control to the FCW.
8. Connect a 150 mV, 1 kHz signal to the AUX INPUTS R jack and adjust R928 (H. GAIN) until the horizontal deflection is around 3 cm.
9. In turn, connect the same signal to the L jack and similarly, adjust R927 (V. GAIN) until the vertical deflection is around 3 cm.
10. Set the CENTERING control to the 12-o'clock position and adjust R925 (H. CENTER) until the spot comes in the horizontal deflection center.
11. Similarly, adjust R926 (V. CENTER) until the spot comes in the vertical deflection center.

6.1 AM TUNING DISPLAY ADJUSTMENT

1. Depress the SCOPE DISPLAY ON and TUNING push-switches. Set the SELECTOR switch to the AM position.
2. Adjust R931 until the spot comes in the center below the base line without tuning into a station.

6.2 FM TUNING DISPLAY ADJUSTMENT

1. Depress the scope DISPLAY ON and TUNING push-switches. Set the SELECTOR switch to the FM position.
2. Connect FM signal input of 100 kμV (98 MHz, 400 Hz, 30% mod.) to the FM ANTENNA terminals and adjust R278 so that the spot does not frame out.

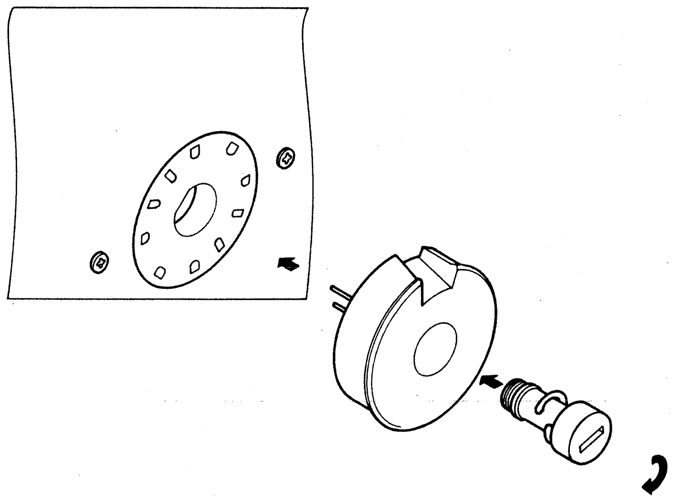
6.3 FM MULTIPATH DISPLAY ADJUSTMENT

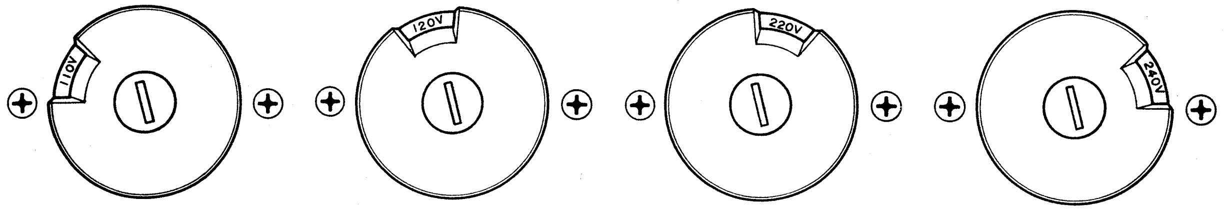
1. Adjust R280 to obtain full deflection of the trace within both side marks, applying FM signal (1 kμV, 400 Hz, 100% mod.) to the FM ANTENNA terminals.

7. VOLTAGE CONVERSION FOR EUROPEAN MODEL

The European version of the Model 2500 is equipped with a universal power transformer that may be adjusted to operate at 110 V, 120 V, 220 V, or 240 V AC at 50 to 60 Hz. To convert the unit to a different power source voltage, reposition conversion plug at shown in Figure 1.

CAUTION: DISCONNECT POWER SUPPLY CORD FROM AC OUTLET BEFORE CONVERTING VOLTAGE.





For 110V Operation For 120V Operation For 220V Operation For 240V Operation

Figure 2. Voltage Conversion Chart

FTZ REGULATION

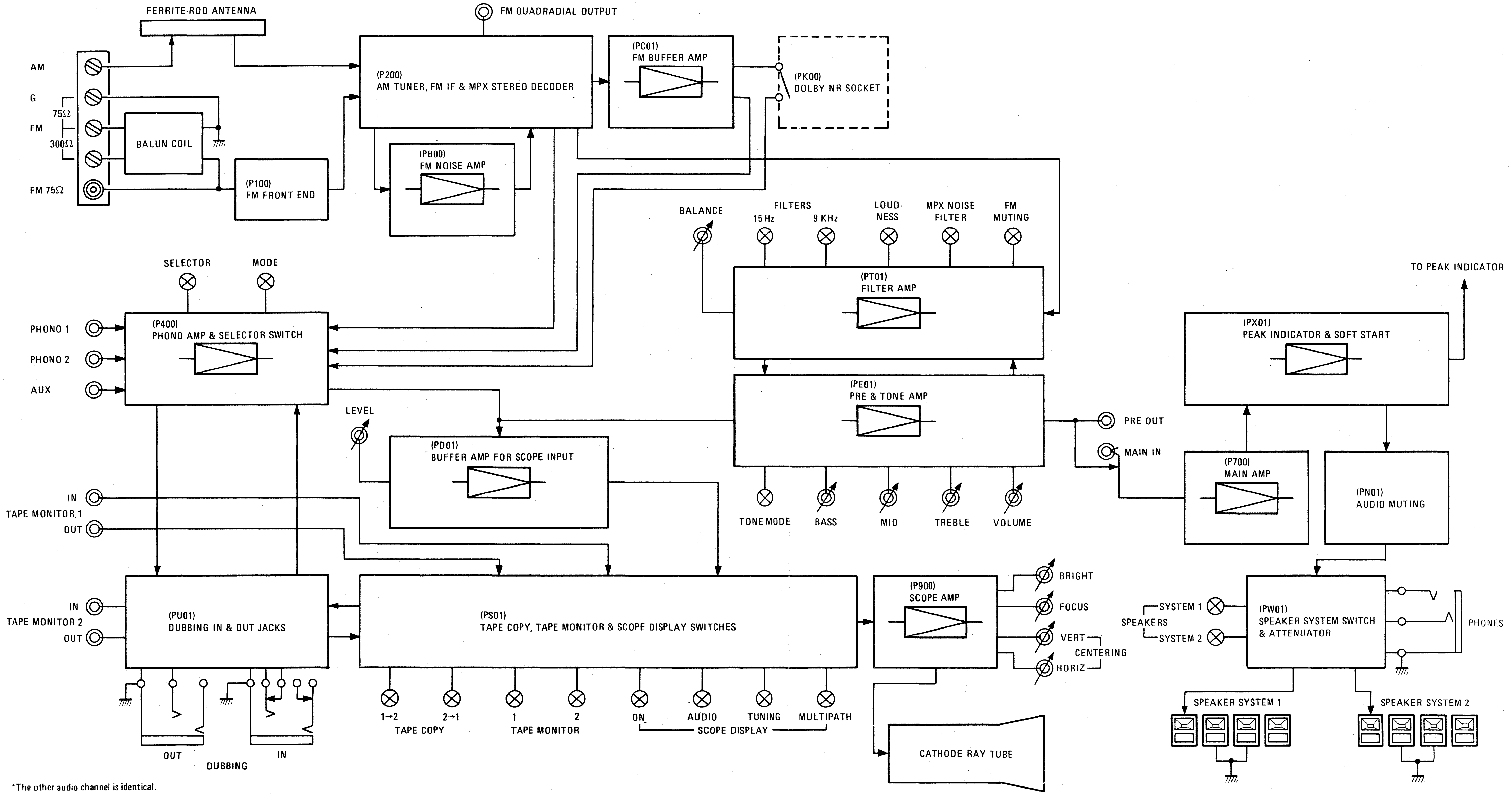
Instruction for the use in the range other than specified in FTZ codes.

Achtung für die Leute, die in dem Gebiet wohnen, wo die FTZ-Bestimmungen vorherrschend sind.

Sollte das Gerät auch für Frequenzen auszerhalb des in den FTZ-Bestimmungen angegebenen Bereiches empfangebereit sein, bitten wir, den Bereich durch Nachstellen des Kernes in der Oszillatorspule (in der Abbildung mit "FTZ" gekennzeichnet) so zu korrigieren, dass er den Bestimmungen entspricht.

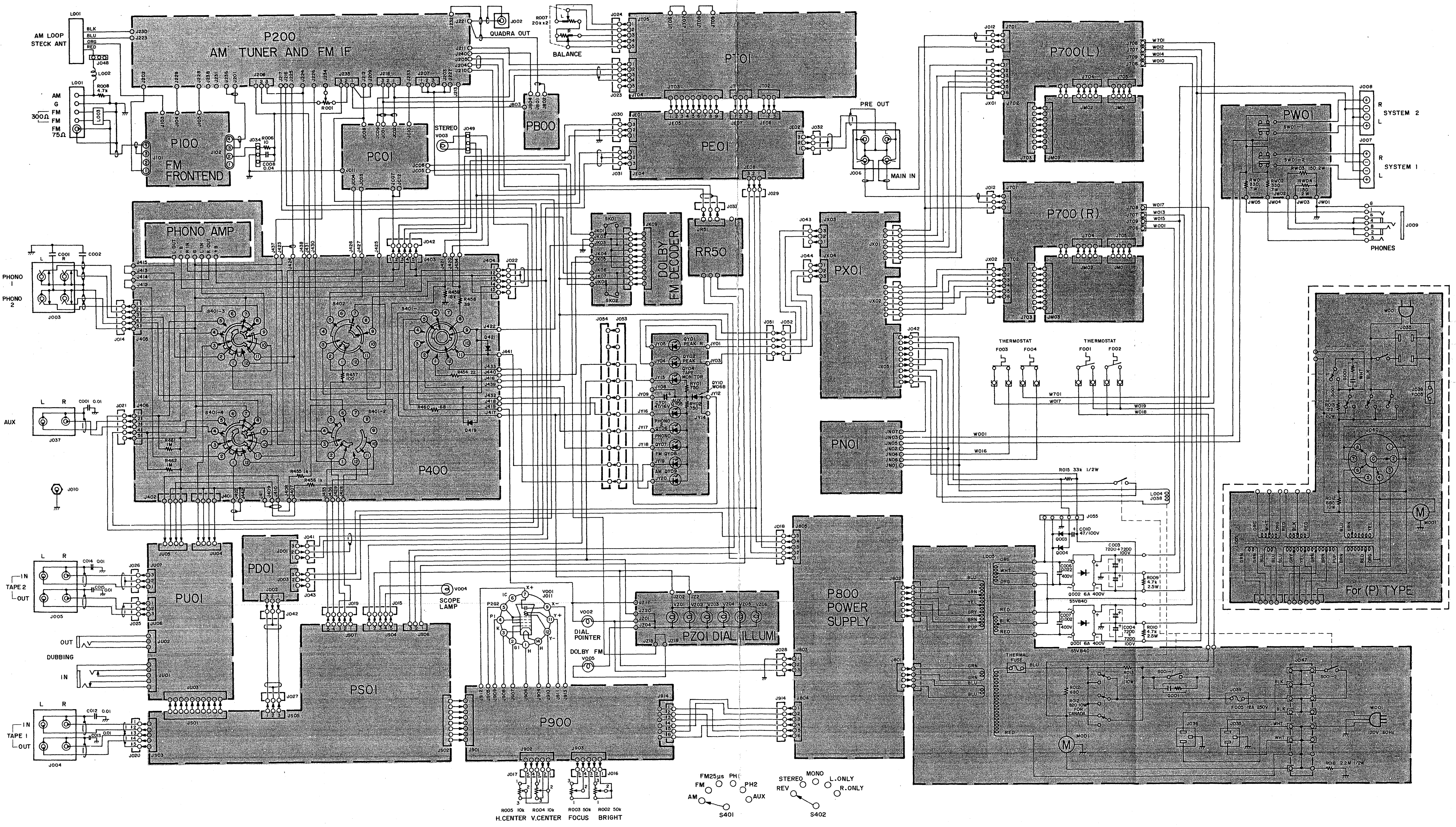
8. DIAGRAMS

8.1 BLOCK DIAGRAM

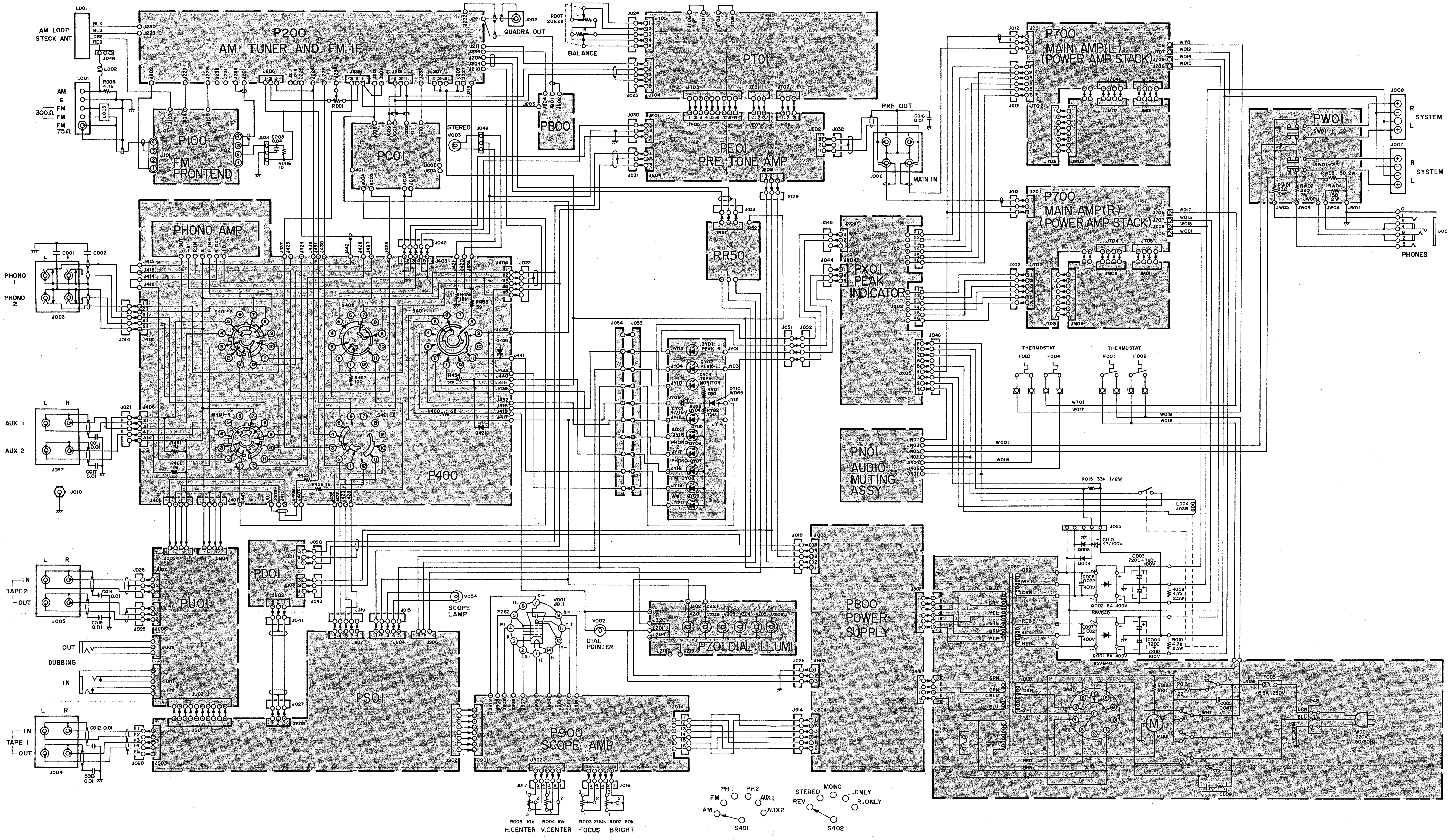

FERRITE-ROD ANTENNA
FM QUADRADIAL OUTPUT
AM
G
75Ω
FM
300Ω
FM 75Ω
BALUN COIL
(P100)
FM FRONT END
(P200)
AM TUNER, FM IF & MPX STEREO DECODER
(PB00)
FM NOISE AMP
(PC01)
FM BUFFER AMP
(PK00)
DOLBY NR SOCKET
BALANCE
FILTERS
15 Hz
9 KHz
LOUD-NESS
MPX NOISE FILTER
FM MUTING
(PT01)
FILTER AMP
(PE01)
PRE & TONE AMP
TONE MODE
BASS
MID
TREBLE
VOLUME
SELECTOR
MODE
PHONO 1
PHONO 2
AUX
(P400)
PHONO AMP & SELECTOR SWITCH
LEVEL
(PD01)
BUFFER AMP FOR SCOPE INPUT
IN
TAPE MONITOR 1
OUT
IN
TAPE MONITOR 2
OUT
(PU01)
DUBBING IN & OUT JACKS
OUT
DUBBING
IN
(PS01)
TAPE COPY, TAPE MONITOR & SCOPE DISPLAY SWITCHES
1→2
2→1
TAPE COPY
1
2
TAPE MONITOR
ON
AUDIO
TUNING
MULTIPATH
SCOPE DISPLAY
(P900)
SCOPE AMP
BRIGHT
FOCUS
VERT
CENTERING
HORIZ
CATHODE RAY TUBE
PRE OUT
MAIN IN
TO PEAK INDICATOR
(PX01)
PEAK INDICATOR & SOFT START
(P700)
MAIN AMP
(PN01)
AUDIO MUTING
SYSTEM 1
SPEAKERS
SYSTEM 2
(PW01)
SPEAKER SYSTEM SWITCH & ATTENUATOR
PHONES
SPEAKER SYSTEM 1
SPEAKER SYSTEM 2

*The other audio channel is identical.

8.2 CONNECTION DIAGRAM - U.S.A. & CANADA

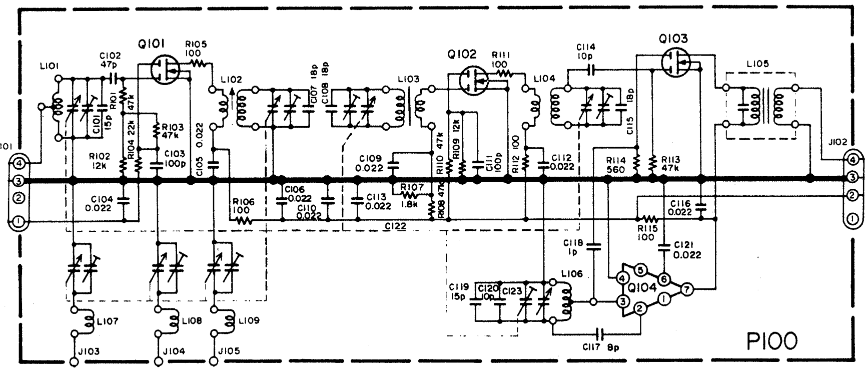

AM LOOP STECK ANT
L001
BLK
BLU
ORG
RED
J048
L002
AM
G
FM
300Ω
FM
FM
75Ω
L003
R008 4.7k
P200
AM TUNER AND FM IF
QUADRA OUT
J002
R007 20k×2
BALANCE
P701
P100
FM FRONTEND
R006 10
C008 0.04
J034
PC01
STEREO
V003
J049
PB00
PE01
PRE OUT
MAIN IN
J006
J029
P700(L)
W701
W012
W014
W010
P700(R)
W017
W013
W015
W001
PW01
SW01-1
SW01-2
RW03 150 2W
RW01 150 2W
RW02 330 2W
J008
SYSTEM 2
J007
SYSTEM 1
R
L
J009
PHONES
PHONO AMP
C001
C002
PHONO 1
PHONO 2
J003
J014
S401-3
S402
S401-1
S401-4
S401-2
R457 100
R458 39
R459 18K
R454 22
R460 68
R461 1M
R462 1M
R455 1K
R456 1K
D421
D419
P400
AUX
J037
J010
SK01
SK02
DOLBY FM DECODER
RR50
J033
J054
J053
QY01 PEAK R
QY02 PEAK L
QY04 TAPE MONITOR
QY10 W068
RY01 75Ω
PHONO
FM QY06
AM QY08
J051
J052
PX01
J043
J044
J042
PN01
W001
W016
THERMOSTAT
F003
F004
F001
F002
W701
W017
W019
W018
R015 33k 1/2W
L004
J038
J055
C010 47/100V
D003
D004
C003 7200+7200 100V
C006 0.022 400V
D002 6A 400V
S5VB40
C007 0.002 400V
D001 6A 400V
C004 7200 100V
R009 4.7k 2.5W
R010 4.7k 2.0W
For (P) TYPE
M001
W001
J040
J036
PU01
TAPE 2
IN
OUT
J005
C014 0.01
C015 0.01
J026
J025
OUT
DUBBING
IN
TAPE 1
IN
OUT
J004
C012 0.01
C013 0.01
J020
PD01
J041
J043
J042
J027
V004
SCOPE LAMP
PS01
P262
V001
J011
X+
X-
Y+
Y-
G1
H
P900
V002
DIAL POINTER
DOLBY FM
V005
PZ01 DIAL ILLUMI
P800 POWER SUPPLY
J028
J914
J017
R005 10k
R004 10k
H.CENTER
V.CENTER
J016
R003 50k
R002 50k
FOCUS
BRIGHT
FM25μs
PH1
PH2
AUX
FM
AM
S401
STEREO
MONO
L.ONLY
R.ONLY
REV
S402
L005
THERMAL FUSE
R013 22 10W
R012 820 10W FOR CANADA
S001-1
S001-2
F005 6A 250V
J039
J036
J035
W001
120V 60Hz
R016 2.2M 1/2W
M001
M
BLU
WHT
ORG
YEL
GRN
RED
BLK
GRY
PUR

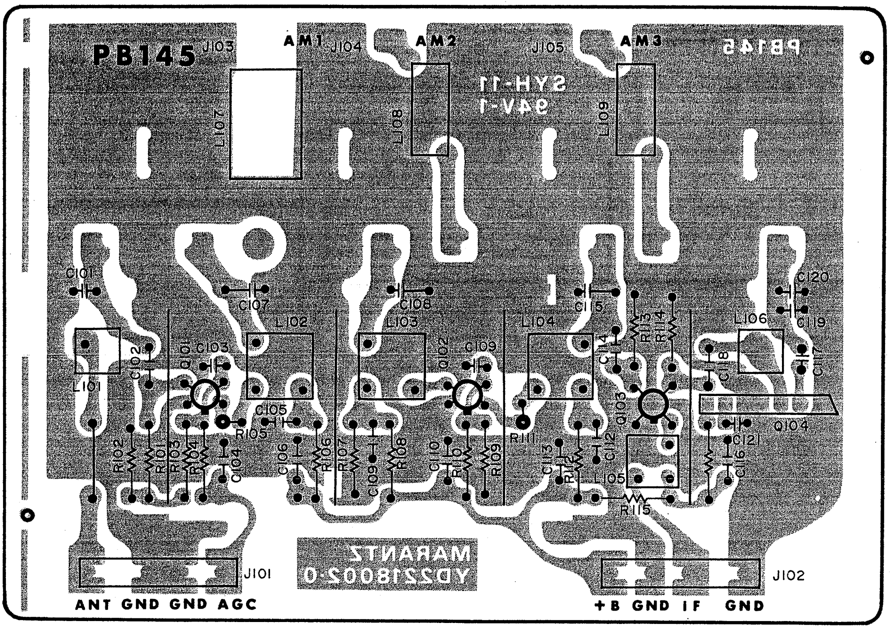
8.3 CONNECTION DIAGRAM - EUROPE


AM LOOP STECK ANT
L001
BLK
BLU
ORG
RED
J048
L002
R008 4.7k
AM
G
300Ω FM
FM
FM 75Ω
L003
P200
AM TUNER AND FM IF
QUADRA OUT
J002
R007 20k x2
BALANCE
P100
FM FRONTEND
C008 0.04
R006 10
PC01
STEREO V003
J049
PB00
PT01
PE01
PRE TONE AMP
PRE OUT
C016 0.01
MAIN IN
J006
RR50
J033
J029
P700
MAIN AMP(L)
(POWER AMP STACK)
P700
MAIN AMP(R)
(POWER AMP STACK)
W701
W012
W014
W010
W017
W013
W015
W001
PW01
SW01-1
SW01-2
RW01 330 7W
RW02 330 7W
RW03 150 2W
RW04 150 2W
J008
SYSTEM 2
J007
SYSTEM 1
R
L
J009
PHONES
PHONO AMP
PHONO 1
PHONO 2
C001
C002
J003
J014
S401-3
S402
S401-1
S401-4
S401-2
R459 18k
R458 39
R457 100
R454 22
R460 68
R461 1M
R462 1M
R455 1k
R456 1k
Q421
P400
AUX 1
AUX 2
C011 0.01
C017 0.01
J037
J010
J054
J053
QY01 PEAK R
QY02 PEAK L
QY03 TAPE MONITOR
RY01 750
RY02 750
CY01 47/16V
AUX 2 QY04
AUX 1 QY05
PHONO 2 QY06
PHONO 1 QY07
FM QY08
AM QY09
QY10 W068
J045
J044
PX01
PEAK INDICATOR
J051
J052
J046
THERMOSTAT
F003
F004
F001
F002
W019
W018
PN01
AUDIO MUTING ASSY
W001
W016
R015 33k 1/2W
L004
J038
J055
C010 47/100V
Q003
Q004
C003 7200+7200 100V
C006 0.022 400V
R009 4.7k 2.5W
Q002 6A 400V S5V840
C007 0.022 400V
C004 7200 7200 100V
R010 4.7k 2.5W
Q001 6A 400V S5V840
L005
ORG
WHT
BLU
GRY
YEL
RED
BLK
BRN
PUP
GRN
J040
R012 680
R013 22
C005 0.047
M001
J039
F005 6.3A 250V
J048
YEL/GRN
W001 220V 50/60Hz
C009
P800
POWER SUPPLY
J018
J805
J802
J028
J803
J801
J914
J804
PD01
J050
J043
J041
J027
PU01
TAPE 2
IN
OUT
J005
J026
J025
C014 0.01
C015 0.01
OUT
DUBBING
IN
TAPE 1
IN
OUT
J004
J020
C012 0.01
C013 0.01
PS01
J019
J015
V004
SCOPE LAMP
P2G2
V001
J011
V002
DIAL POINTER
PZ01 DIAL ILLUMI
VZ01
VZ02
VZ03
VZ04
VZ05
VZ06
P900
SCOPE AMP
J902
J903
J017
J016
R005 10k
H.CENTER
R004 10k
V.CENTER
R003 200k
FOCUS
R002 50k
BRIGHT
PH1
PH2
FM
AUX1
AM
AUX2
S401
STEREO
MONO
L.ONLY
REV
R.ONLY
S402

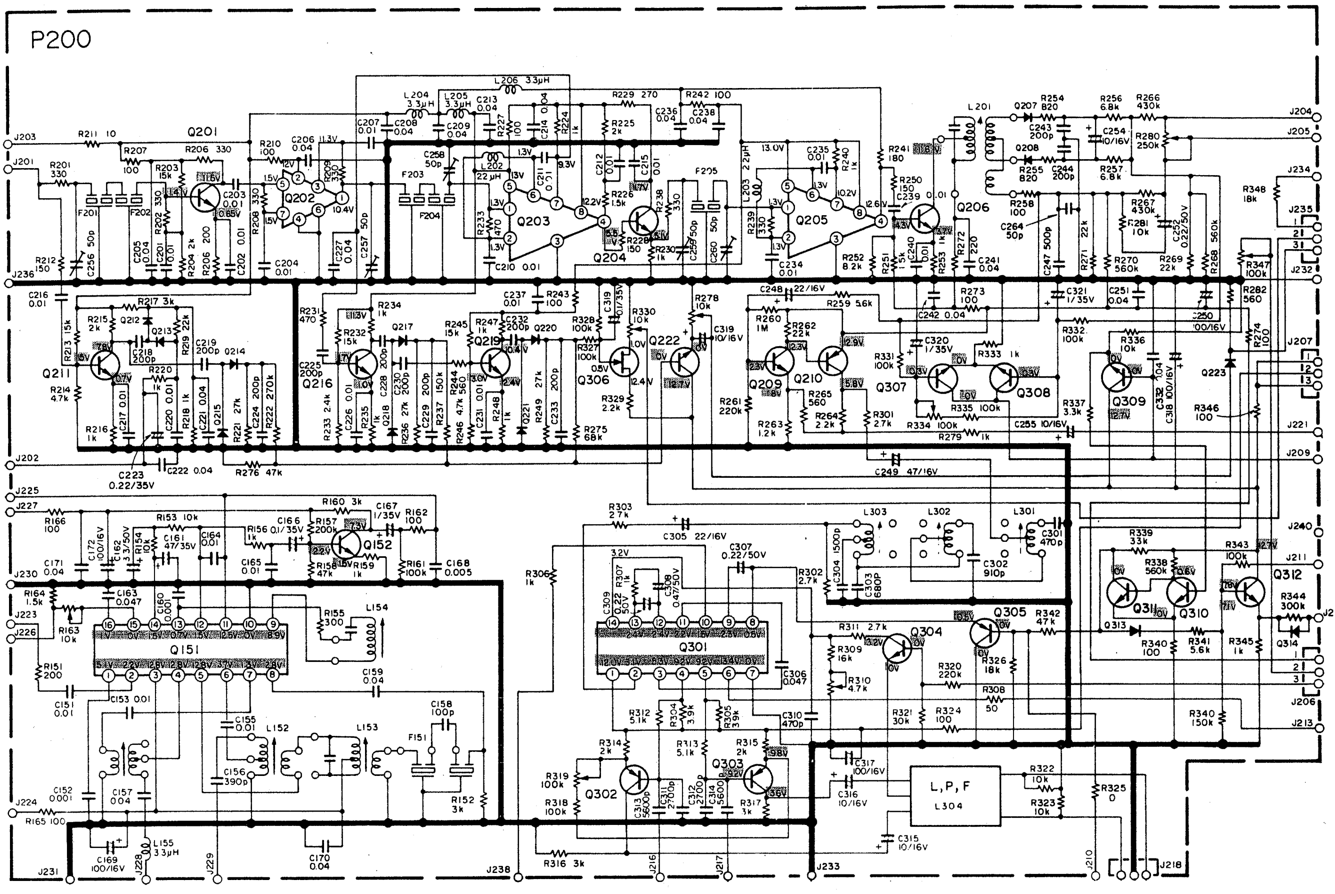
9. SCHEMATIC DIAGRAMS AND COMPONENTS LOCATIONS

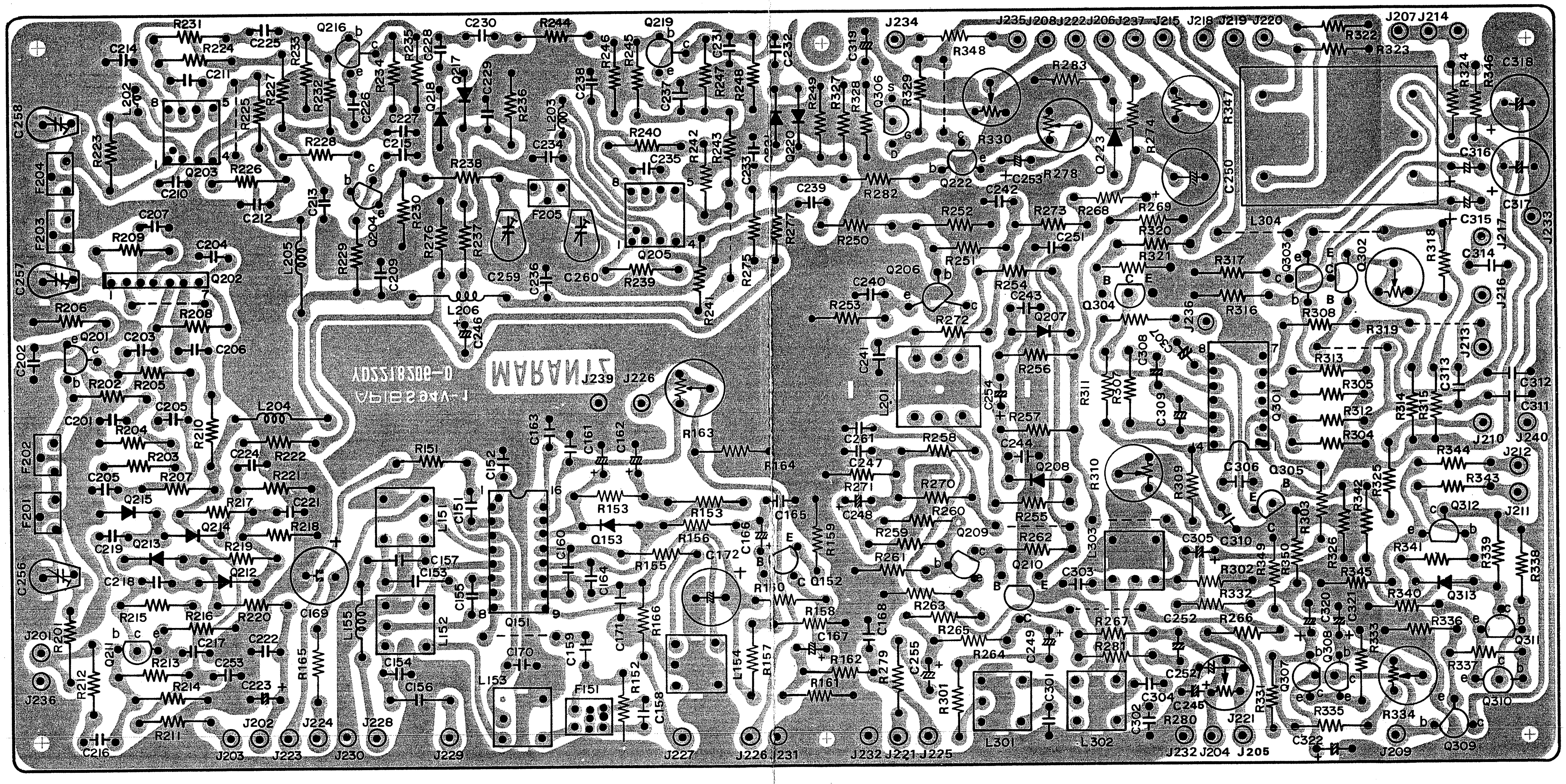
9.1 FM FRONT END CIRCUIT BOARD - P100


Q101
R105 100
C102 47p
L101
C101 15p
R101 47k
R103 47k
R104 22k
C103 100p
R102 12k
C104 0.022
C105 0.022
L102
C107 18p
C108 18p
L103
C106 0.022
C110 0.022
R106 100
C109 0.022
C113 0.022
R107 1.8k
C122
Q102
R111 100
L104
R110 47k
R109 12k
R108 47k
C111 100p
R112 100
C112 0.022
C114 10p
C115 18p
Q103
R114 560
R113 47k
L105
C116 0.022
R115 100
C121 0.022
C118 1p
C119 15p
C120 10p
C123
L106
Q104
C117 8p
L107
L108
L109
J101
J102
J103
J104
J105
P100

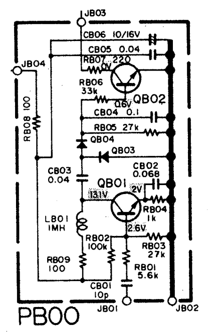

PB145
AM1
AM2
AM3
J103
J104
J105
L107
L108
L109
SYH-11
94V-1
C101
C107
C108
C115
C120
C119
L101
L102
L103
L104
L106
Q101
Q102
Q103
Q104
C102
C103
C105
C109
C114
C118
C117
R102
R101
R103
R104
C104
R105
C106
R106
R107
C109
R108
C110
R110
R109
R111
C113
R112
C112
R113
R114
C105
R115
C121
C116
MARANTZ
YD2218002-0
J101
J102
ANT GND GND AGC
+B GND IF GND

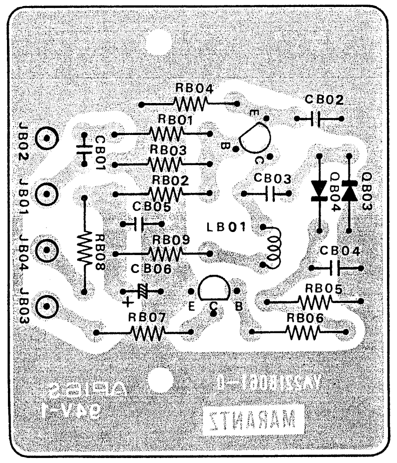
9.2 AM TUNER, FM IF & MPX STEREO DECODER CIRCUIT BOARD - P200


P200
Q201
Q202
Q203
Q204
Q205
Q206
Q207
Q208
Q209
Q210
Q211
Q212
Q213
Q214
Q215
Q216
Q217
Q218
Q219
Q220
Q221
Q222
Q223
Q151
Q152
Q301
Q302
Q303
Q304
Q305
Q306
Q307
Q308
Q309
Q310
Q311
Q312
Q313
Q314
F201
F202
F203
F204
F205
F151
L201
L202 22μH
L203 22μH
L204 3.3μH
L205 3.3μH
L206 3.3μH
L152
L153
L154
L155 3.3μH
L301
L302
L303
L,P,F
L304
J201
J202
J203
J204
J205
J206
J207
J209
J210
J211
J212
J213
J216
J217
J218
J221
J223
J224
J225
J226
J227
J228
J229
J230
J231
J232
J233
J234
J235
J236
J238
J240
R211 10
R201 330
R207 100
R206 330
R212 150
R229 270
R242 100
R254 820
R256 6.8k
R266 430k
R280 250k
R348 18k
R347 100k
R282 560
R346 100
R276 47k
R160 3k
R153 10k
R166 100
R164 1.5k
R163 10k
R151 200
R165 100
R152 3k
R303 2.7k
R306 1k
R302 2.7k
R311 2.7k
R316 3k
R319 100k
R318 100k
R317 3k
R322 10k
R323 10k
R325 0
R339 33k
R338 560k
R343 100k
R344 300k
R340 100
R341 5.6k
R345 1k
C305 22/16V
C307 0.22/50V
C301 470p
C302 910p
C249 47/16V
C255 10/16V
C223 0.22/35V
C222 0.04
C315 10/16V
C316 10/16V
C317 100/16V
C169 100/16V
C170 0.04

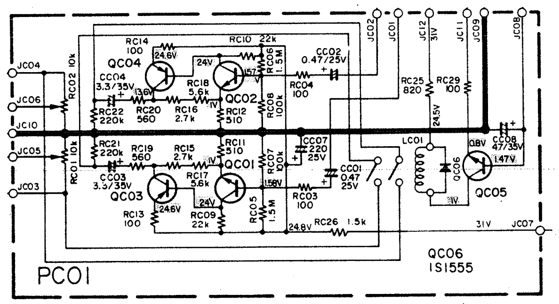

MARANTZ
YD2218208-0
AP1859 4V-1

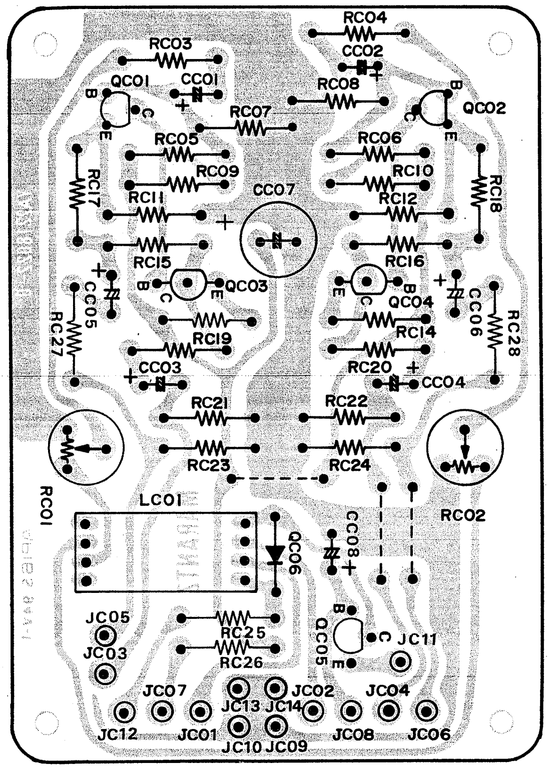
9.3 FM NOISE AMP CIRCUIT BOARD - PB00


JB03
JB04
CB06 10/16V
CB05 0.04
RB07 330
RB06 33k
QB02
CB04 0.1
RB05 27k
QB04
QB03
RB08 100
CB03 0.04
CB02 0.068
QB01
RB04 1k
LB01 1MH
RB02 100k
RB03 27k
RB09 100
RB01 5.6k
CB01 10p
JB01
JB02
PB00

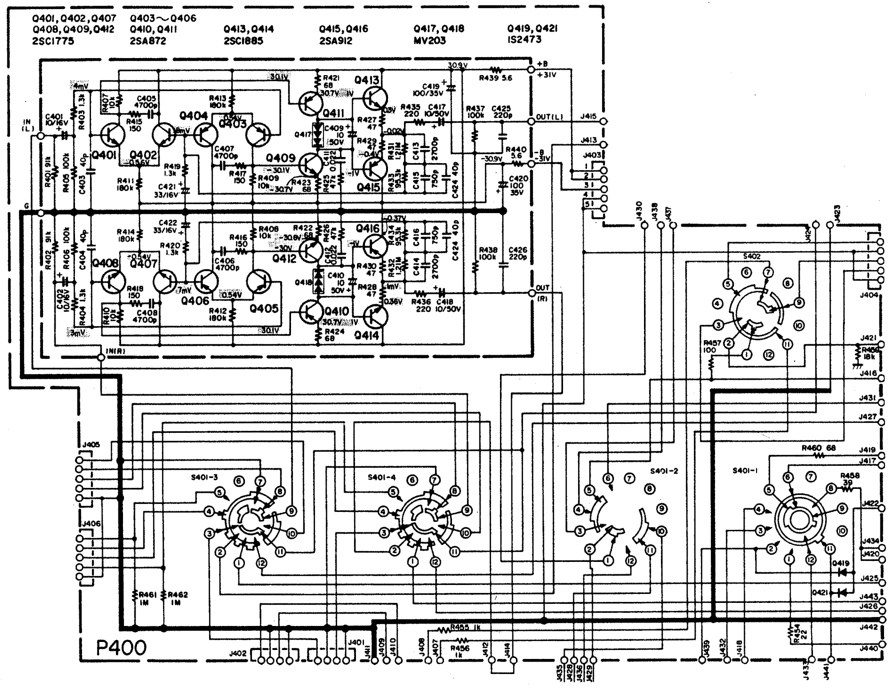

RB04
CB02
RB01
RB03
RB02
CB01
CB03
QB04
QB03
CB05
LB01
RB09
RB08
CB08
CB04
RB05
RB07
RB06
JB02
JB01
JB04
JB03
MARANTZ

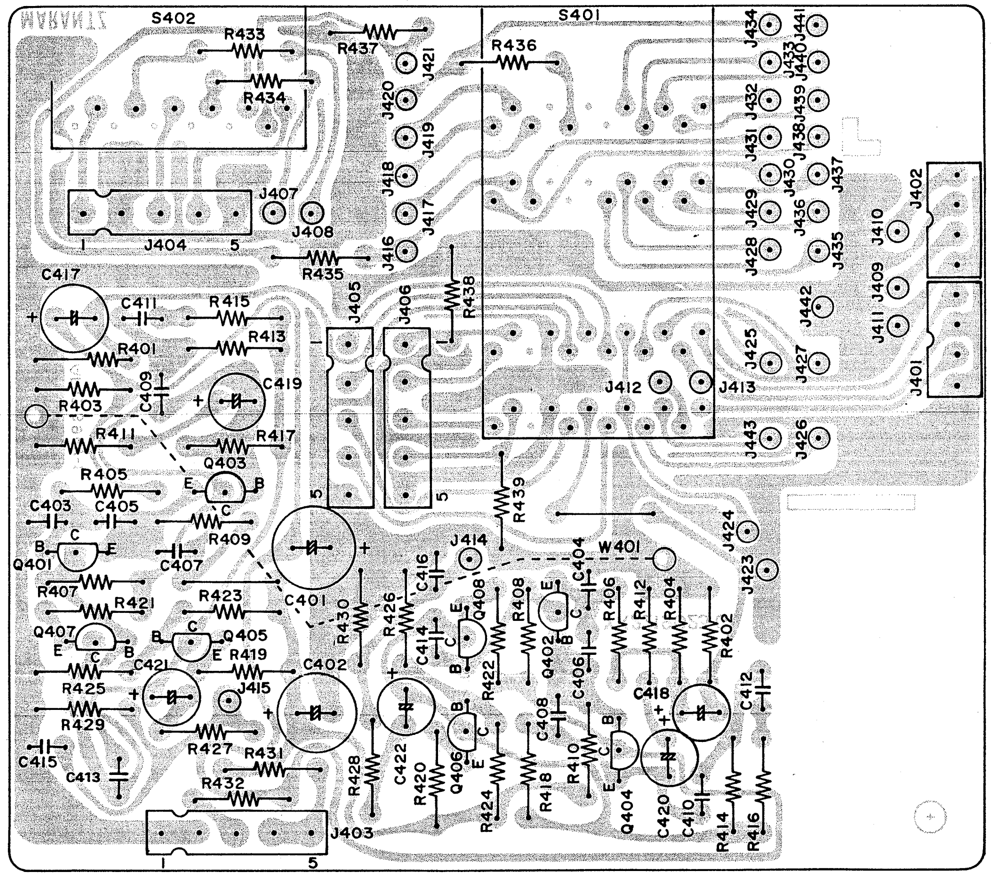
9.4 FM BUFFER AMP CIRCUIT BOARD - PC01


JC04
JC06
JC10
JC05
JC03
RC14 100
RC10 22k
QC04
QC02
CC02 0.47/25V
RC04 100
RC25 820
RC29 100
RC22 220k
RC20 560
RC16 2.7k
RC12 510
RC08
RC21 220k
RC19 560
RC15 2.7k
RC11 510
QC01
RC07
CC07 220 25V
LC01
CC01 0.47 25V
QC05
CC03 3.3/35V
QC03
RC17 5.6k
RC13 100
RC09 22k
RC05 1.5M
RC03 100
RC26 1.5k
JC07
RC01
PC01
QC06 1S1555

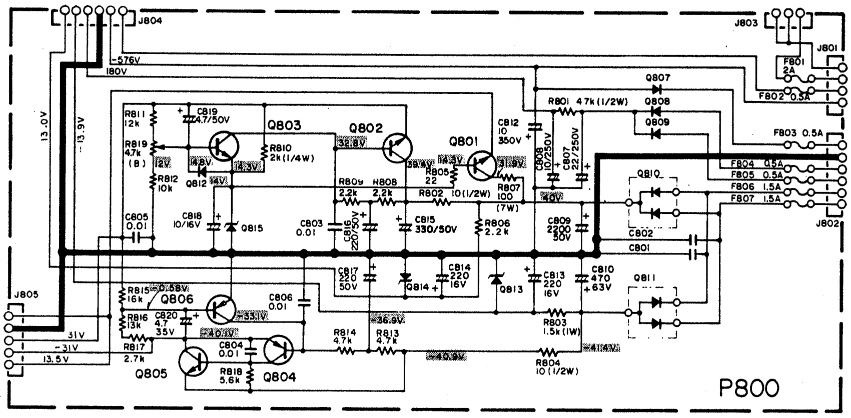

RC04
CC02
RC03
QC01
CC01
RC08
QC02
RC07
RC05
RC09
RC06
RC10
RC17
RC11
CC07
RC12
RC18
RC15
QC03
RC16
QC04
CC05
RC19
RC14
CC06
RC27
CC03
RC20
CC04
RC28
RC21
RC22
RC23
RC24
RC01
RC02
LC01
QC06
CC08
RC25
RC26
QC05
JC05
JC03
JC11
JC07
JC02
JC04
JC13
JC14
JC12
JC01
JC10
JC09
JC08
JC06

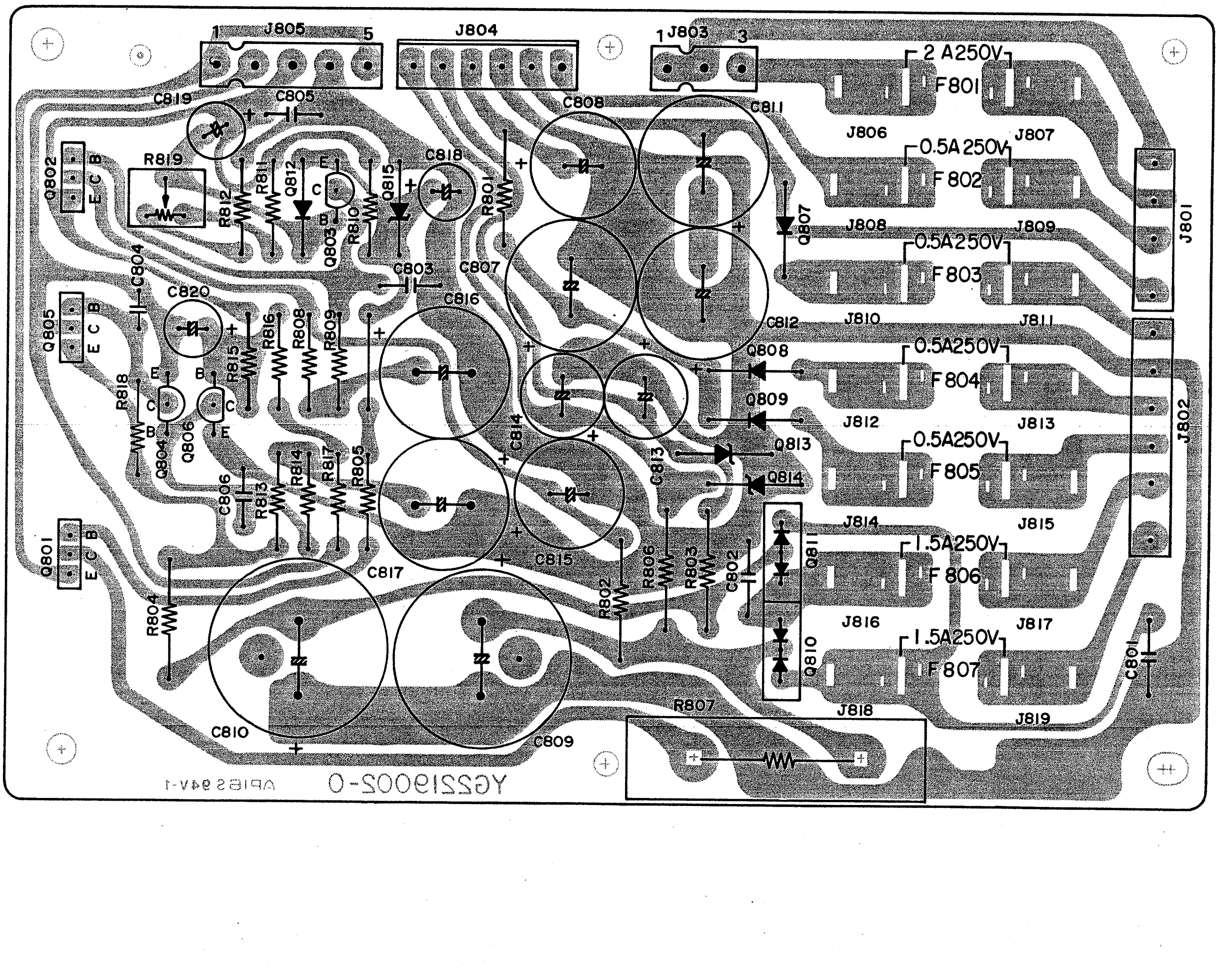
9.5 PHONO AMP & SELECTOR SWITCH CIRCUIT BOARD - P400


Q401, Q402, Q407 Q408, Q409, Q412 2SC1775
Q403∼Q406 Q410, Q411 2SA872
Q413, Q414 2SC1885
Q415, Q416 2SA912
Q417, Q418 MV203
Q419, Q421 1S2473
IN (L)
OUT (L)
OUT (R)
IN (R)
S402
S401-3
S401-4
S401-2
S401-1
P400
J402
J403
J404
J405
J406
J413
J415

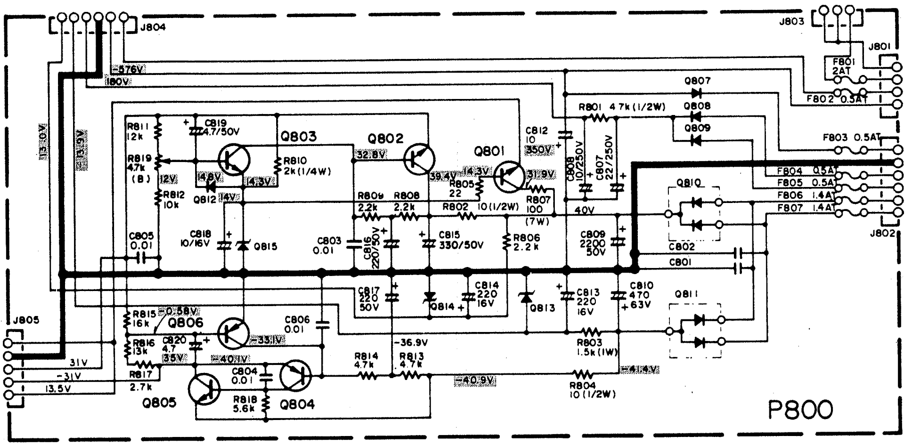

MARANTZ
S402
S401
R433
R437
R436
R434
J421
J420
J419
J418
J417
J416
J407
J408
J404
R435
J405
J406
R438
C417
C411
R415
R413
R401
C409
C419
R403
R411
R417
Q403
R405
C403
C405
R409
Q401
C407
R407
R439
J414
C416
C404
W401
R423
Q405
R421
C401
R430
Q407
R419
R426
C414
Q408
R408
Q402
R406
R412
R404
R402
C421
J415
C402
C406
R425
R422
C418
C412
R429
C422
C408
C415
C413
R427
R431
R432
R428
R420
Q406
R418
R410
Q404
C420
C410
R414
R416
R424
J403
J412
J413
J409
J410
J411
J401
J402
J425
J426
J427
J428
J429
J430
J431
J432
J433
J434
J435
J436
J437
J438
J439
J440
J441
J442
J443
J423
J424

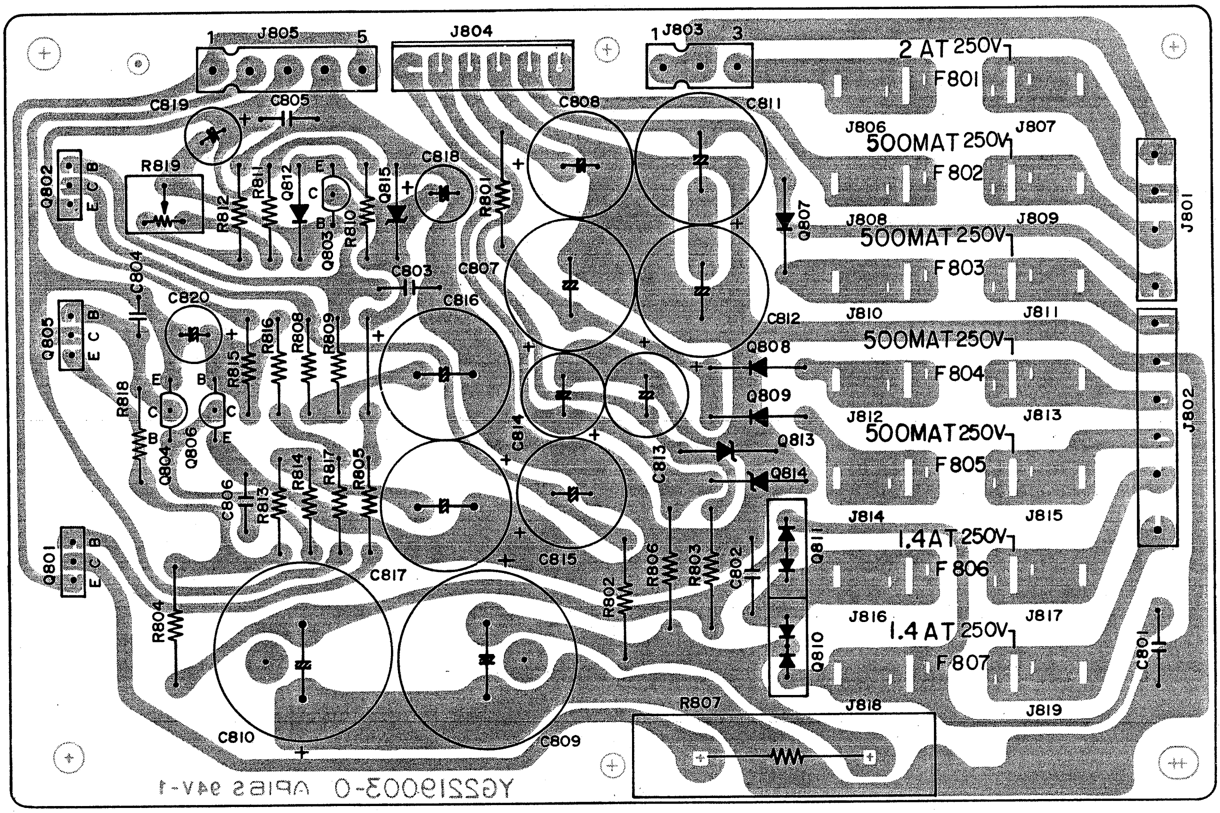
9.6 POWER SUPPLY CIRCUIT BOARD - P800 - U.S.A. & CANADA


J804
J803
J801
J805
J802
-576V
180V
13.0V
-13.9V
31V
-31V
13.5V
R811 12k
C819 4.7/50V
Q803
Q802
Q801
R819 4.7k (B)
12V
R810 2k(1/4W)
32.8V
14.8V
14.3V
39.4V
14.3V
31.9V
R812 10k
Q812
14V
R805 22
R809 2.2k
R808 2.2k
R802 10(1/2W)
R807 100 (7W)
C812 10 350V
C808 10/250V
C807 22/250V
R801 4.7k (1/2W)
Q807
Q808
Q809
F801 2A
F802 0.5A
F803 0.5A
F804 0.5A
F805 0.5A
F806 1.5A
F807 1.5A
Q810
Q811
C805 0.01
C818 10/16V
Q815
C803 0.01
C816 220/50V
C815 330/50V
R806 2.2k
40V
C809 2200 50V
C802
C801
C817 220 50V
Q814
C814 220 16V
Q813
C813 220 16V
C810 470 63V
R815 16k
-0.58V
Q806
C806 0.01
R816 13k
C820 4.7 35V
-33.1V
-36.9V
-40.1V
R817 2.7k
C804 0.01
R814 4.7k
R813 4.7k
R803 1.5k (1W)
-41.4V
-40.9V
Q805
R818 5.6k
Q804
R804 10 (1/2W)
P800

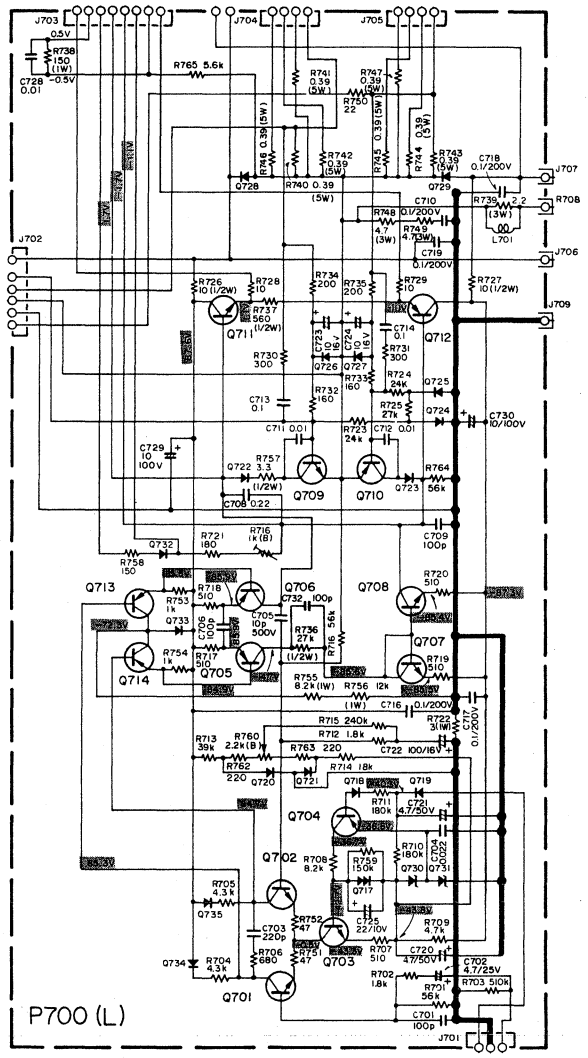

1
J805
5
J804
1
J803
3
2 A250V
F801
J806
0.5A 250V
J807
F802
J808
0.5A250V
J809
F803
J810
J811
0.5A250V
F804
J812
J813
0.5A250V
F805
J814
J815
1.5A250V
F806
J816
J817
1.5A250V
F807
J818
J819
J801
J802
C819
C805
C808
C811
Q802
E C B
R819
R812
R811
Q812
E
C
B
Q803
R810
Q815
C818
R801
Q807
C804
C803
C807
C812
C820
C816
Q805
E C B
R816
R808
R809
R815
Q808
Q809
R818
E
C
B
Q804
Q806
C814
C813
Q813
Q814
C806
R813
R814
R817
R805
C815
C817
R806
R803
C802
Q811
Q810
Q801
E C B
R804
R802
C801
R807
C810
C809
YG2219002-0

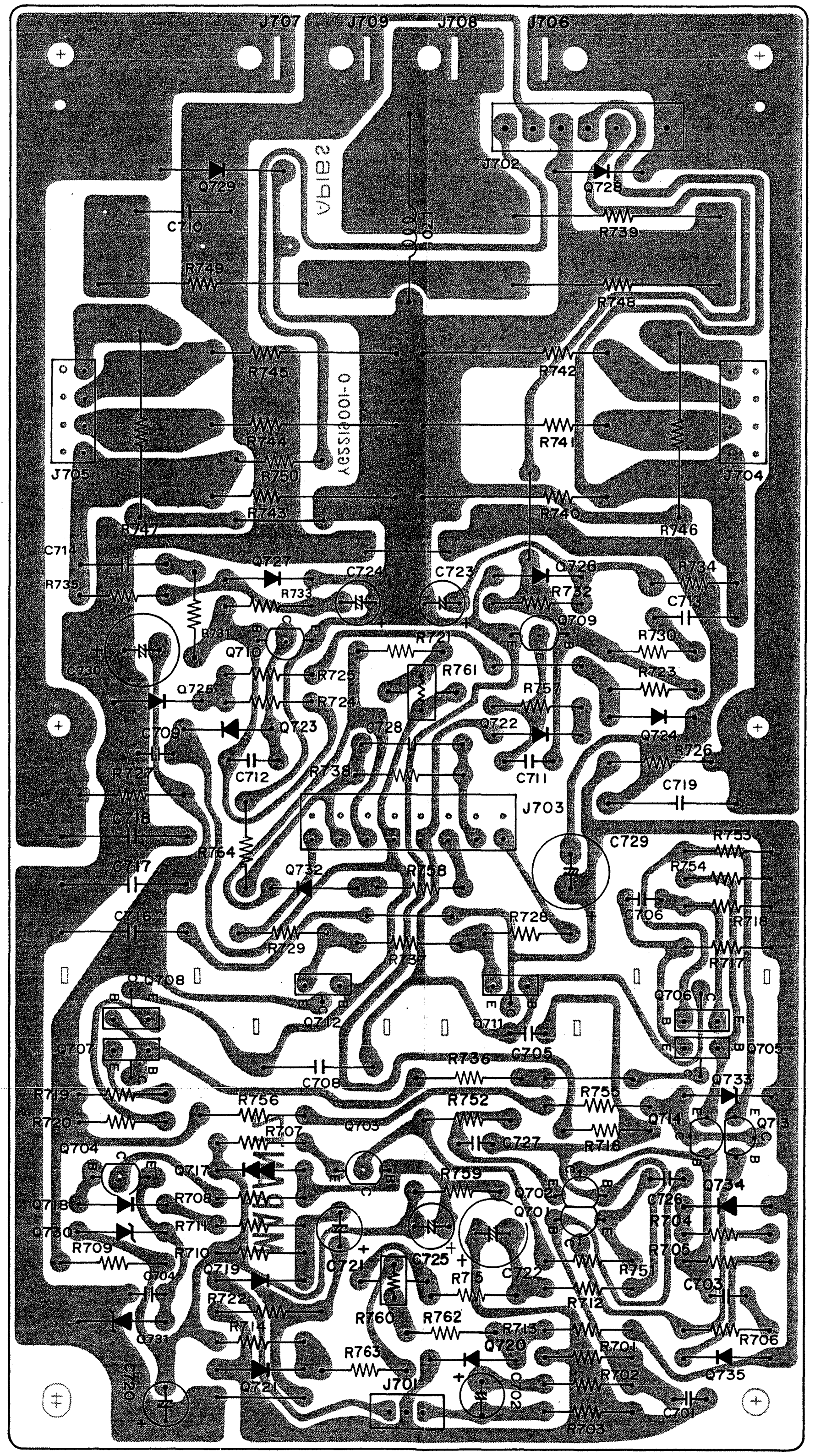
9.7 POWER SUPPLY CIRCUIT BOARD - P800 - EUROPE


J804
-576V
180V
13.0V
-13.9V
R811
12k
C819
4.7/50V
Q803
Q802
Q801
R819
4.7k
(B)
12V
14.8V
14.3V
R810
2k (1/4W)
32.8V
39.4V
14.3V
31.9V
R812
10k
Q812
14V
R805
22
R809
2.2k
R808
2.2k
R802
10 (1/2W)
R807
100
(7W)
C805
0.01
C818
10/16V
Q815
C803
0.01
C816
220/50V
C815
330/50V
R806
2.2k
C812
10
350V
C808
10/250V
C807
22/250V
R801 4.7k (1/2W)
40V
C809
2200
50V
C817
220
50V
Q814
C814
220
16V
Q813
C813
220
16V
C810
470
63V
J805
R815
16k
-0.58V
Q806
-33.1V
C806
0.01
-36.9V
R816
13k
C820
4.7
35V
-40.1V
31V
-31V
13.5V
R817
2.7k
C804
0.01
R814
4.7k
R813
4.7k
R803
1.5k (1W)
-41.4V
-40.9V
R804
10 (1/2W)
Q805
R818
5.6k
Q804
J803
J801
F801
2AT
F802 0.5AT
Q807
Q808
Q809
F803 0.5AT
F804 0.5AT
F805 0.5AT
F806 1.4AT
F807 1.4AT
Q810
C802
C801
Q811
J802
P800

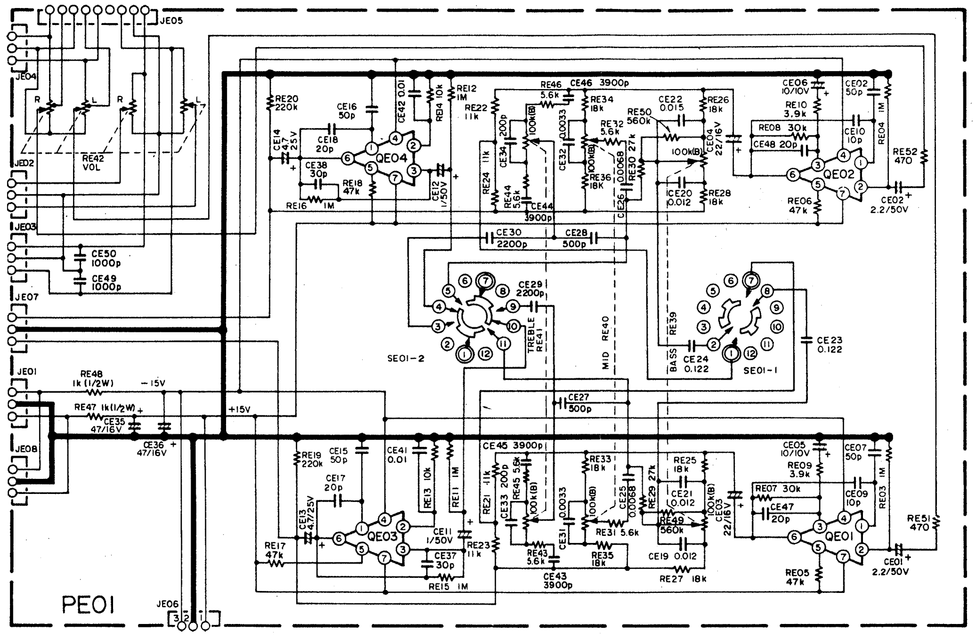

1
J805
5
J804
1
J803
3
C819
C805
C808
C811
2 AT 250V
F801
J806
J807
500MAT 250V
F802
Q802
E C B
R819
R812
R811
Q812
E
C
B
Q803
R810
Q815
C818
R801
Q807
J808
J809
500MAT 250V
F803
J801
C804
C803
C807
C820
C816
Q805
E C B
R816
R808
R809
R815
C812
J810
J811
500MAT 250V
F804
Q808
Q809
E
B
C
C
B
E
R818
Q804
Q806
C814
Q813
J812
J813
500MAT 250V
F805
J802
C813
Q814
C806
R813
R814
R817
R805
J814
J815
1.4AT 250V
F806
Q811
Q801
E C B
C817
C815
R806
R803
C802
R802
R804
J816
J817
1.4 AT 250V
F807
Q810
C801
R807
J818
J819
C810
C809
YG2219003-0 APIGS 94V-1

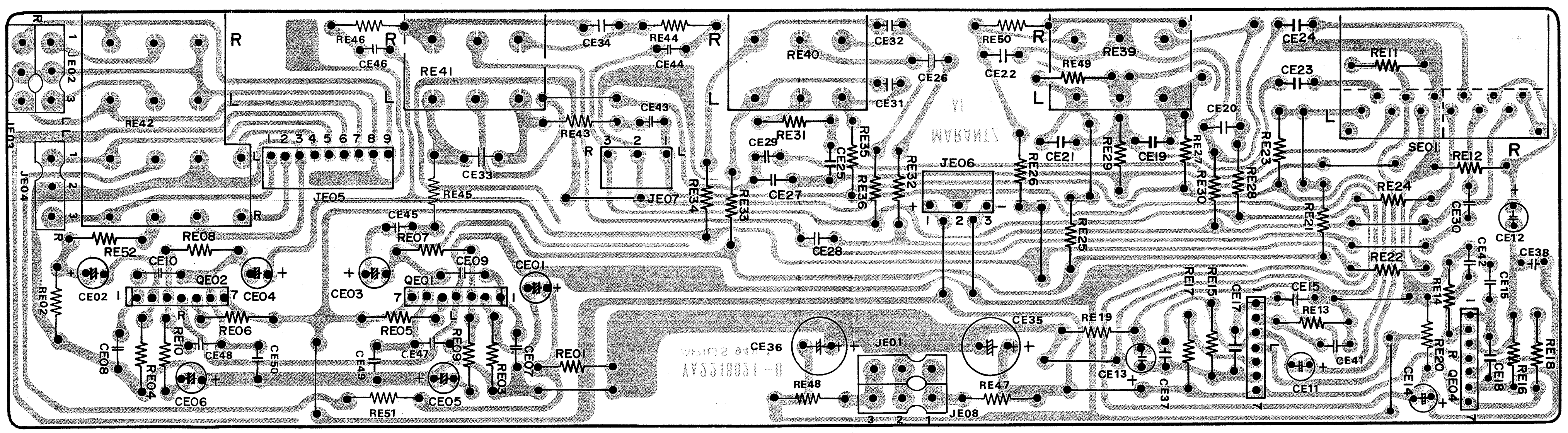
9.8 MAIN AMP CIRCUIT BOARD - P700


J703
J704
J705
J702
J707
J708
J706
J709
J701
Q701
Q702
Q703
Q704
Q705
Q706
Q707
Q708
Q709
Q710
Q711
Q712
Q713
Q714
P700 (L)

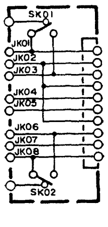

J707
J709
J708
J706
J702
J705
J704
J703
J701
Q729
Q728
Q727
Q726
Q725
Q724
Q723
Q722
Q708
Q707
Q706
Q705
Q704
Q703
Q713
Q714
C729
C719
C711
C712
R745
R742
R744
R741
R739
R748
R749

9.9 PRE & TONE AMP CIRCUIT BOARD - PE01

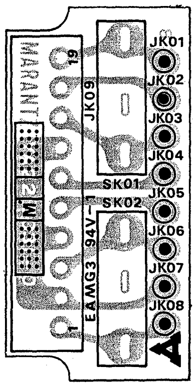

PE01
JE01
JE02
JE03
JE04
JE05
JE06
JE07
JE08
QE01
QE02
QE03
QE04
SE01-1
SE01-2
BASS
MID
TREBLE
RE42 VOL
RE48 1k (1/2W)
RE47 1k (1/2W)
CE35 47/16V
CE36 47/16V
-15V
+15V
CE50 1000p
CE49 1000p
CE46 3900p
CE45 3900p
CE30 2200p
CE29 2200p
CE28 500p
CE27 500p
CE24 0.122
CE23 0.122
CE02 2.2/50V
CE01 2.2/50V


JE02
JE03
JE04
JE05
JE06
JE07
JE01
JE08
QE01
QE02
QE04
SE01
RE01
RE02
RE03
RE04
RE05
RE06
RE07
RE08
RE09
RE10
RE11
RE12
RE13
RE14
RE15
RE16
RE17
RE18
RE19
RE20
RE21
RE22
RE23
RE24
RE25
RE26
RE27
RE28
RE29
RE30
RE31
RE32
RE33
RE34
RE35
RE36
RE39
RE40
RE41
RE42
RE43
RE44
RE45
RE46
RE47
RE48
RE49
RE50
RE51
RE52
CE01
CE02
CE03
CE04
CE05
CE06
CE07
CE08
CE09
CE10
CE11
CE12
CE13
CE14
CE15
CE16
CE17
CE18
CE19
CE20
CE21
CE22
CE23
CE24
CE25
CE26
CE27
CE28
CE29
CE30
CE31
CE32
CE33
CE34
CE35
CE36
CE37
CE38
CE41
CE42
CE43
CE44
CE45
CE46
CE47
CE48
CE49
CE50
R
L

9.10 DOLBY NR SOCKET CIRCUIT BOARD - PK01 - U.S.A. & CANADA

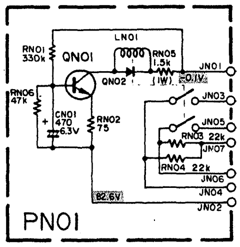


SK01
JK01
JK02
JK03
JK04
JK05
JK06
JK07
JK08
SK02

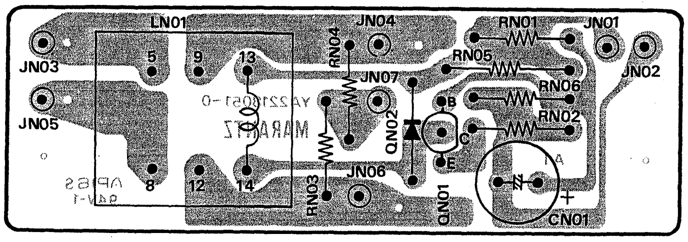


MARANTZ
19
JK09
JK01
JK02
JK03
JK04
SK01
SK02
JK05
JK06
JK07
JK08
EAMG3 94V-
M

9.11 AUDIO MUTING CIRCUIT BOARD - PN01

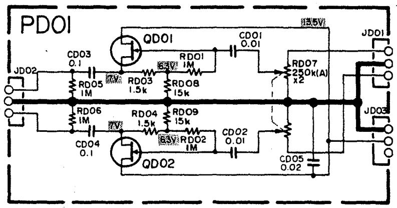


LN01
RN01 330k
QN01
RN05 1.5k (1W)
QN02
JN01
0.1V
JN03
RN06 47k
CN01 470 6.3V
RN02 75
JN05
RN03 22k
JN07
RN04 22k
JN06
JN04
JN02
82.6V
PN01

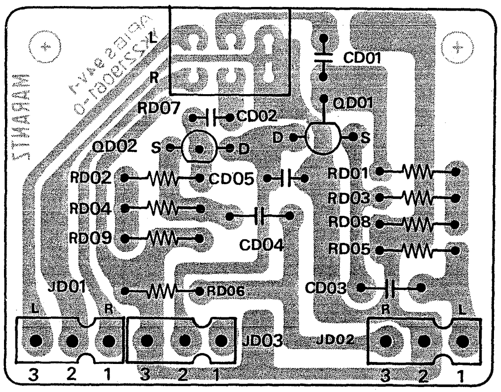


LN01
JN04
RN01
JN01
JN03
5
9
13
RN04
RN05
JN02
JN07
RN06
JN05
YA2210051-0
MARANTZ
QN02
B
RN02
C
E
A
8
12
14
JN06
RN03
QN01
CN01
+

9.12 BUFFER AMP FOR SCOPE INPUT - CIRCUIT BOARD - PD01

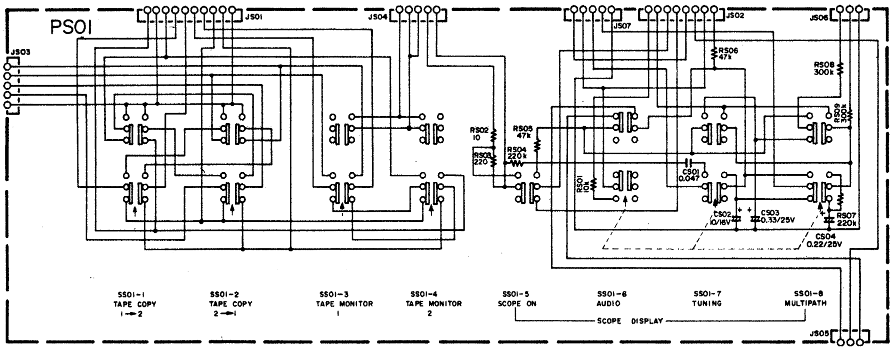


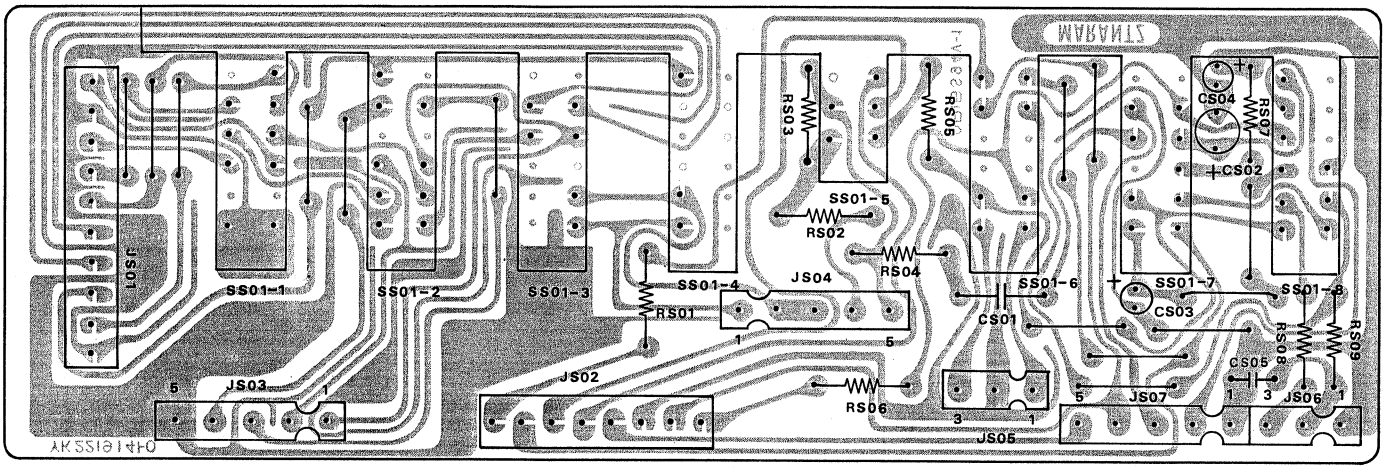
PD01
QD01
CD01 0.01
13.5V
JD01
CD03 0.1
RD01 1M
JD02
RD05 1M
RD03 1.5k
RD08 15k
RD07 250k(A) x2
RD06 1M
RD04 1.5k
RD09 15k
JD03
CD04 0.1
RD02 1M
CD02 0.01
CD05 0.02
QD02



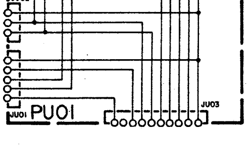
L
R
CD01
MARANTZ
RD07
CD02
QD01
QD02
S
D
D
S
RD02
CD05
RD01
RD04
RD03
RD09
RD08
CD04
RD05
JD01
RD06
CD03
L
R
JD03
JD02
R
L
3
2
1
3
2
1
3
2
1

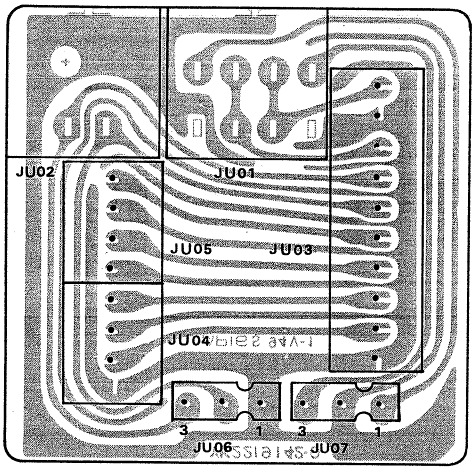
9.13 TAPE COPY, TAPE MONITOR & SCOPE DISPLAY SWITCHES CIRCUIT BOARD - PS01


PS01
JS01
JS04
JS07
JS02
JS06
JS03
JS05
RS02 10
RS03 220
RS04 220k
RS05 47k
RS06 47k
RS08 300k
RS09 300k
RS01 10k
CS01 0.047
CS02 10/16V
CS03 0.33/25V
RS07 220k
CS04 0.22/25V
SS01-1 TAPE COPY 1→2
SS01-2 TAPE COPY 2→1
SS01-3 TAPE MONITOR 1
SS01-4 TAPE MONITOR 2
SS01-5 SCOPE ON
SS01-6 AUDIO
SS01-7 TUNING
SS01-8 MULTIPATH
SCOPE DISPLAY

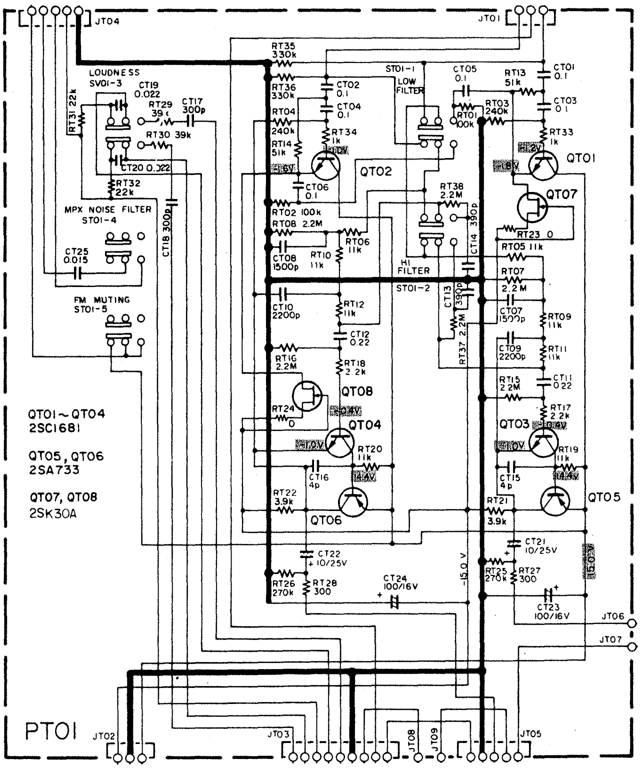

MARANTZ
RS03
RS05
SS01-5
RS02
RS04
JS01
SS01-1
SS01-2
SS01-3
SS01-4
RS01
JS04
SS01-6
CS01
SS01-7
CS03
SS01-8
CS04
RS07
CS02
RS08
RS09
CS05
JS03
JS02
RS06
JS05
JS07
JS06
YK5516141O

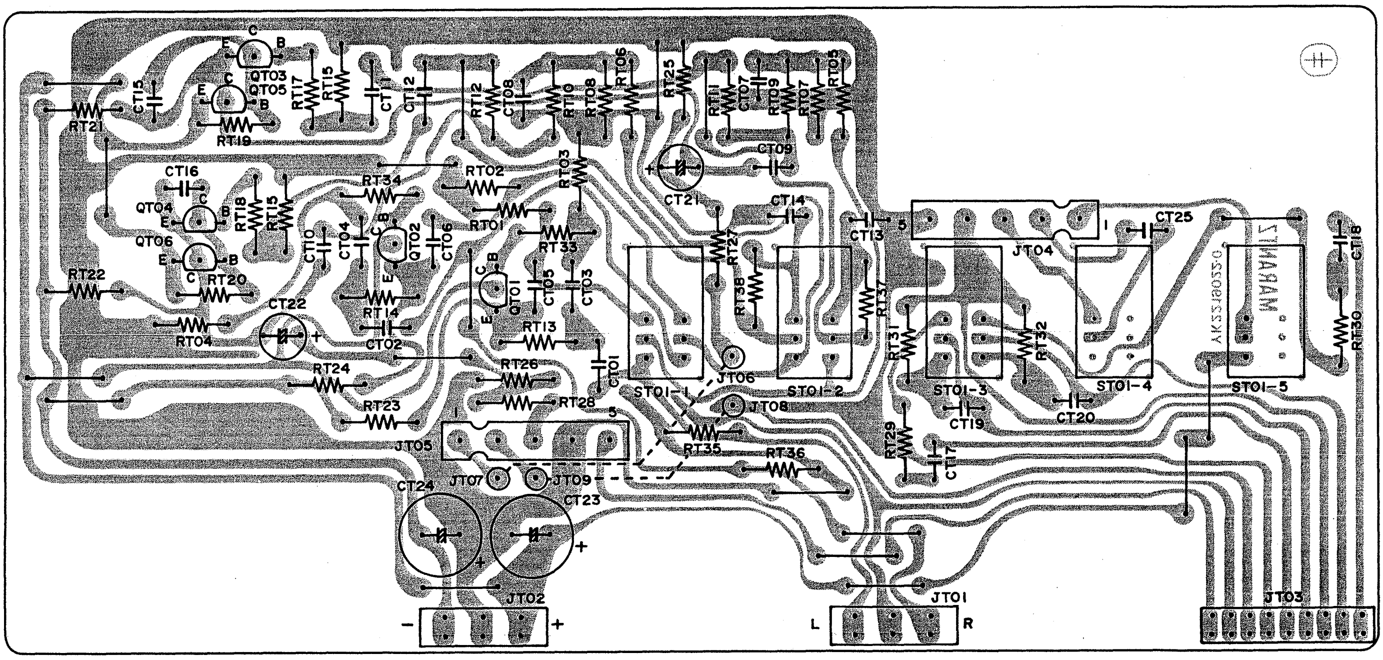
9.14 DUBBING IN & OUT JACKS CIRCUIT BOARD - PU01


JU07
JU05
JU04
JU06
JU02
JU01
PU01
JU03

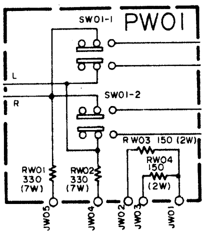

JU02
JU01
JU05
JU03
JU04
JU06
JU07

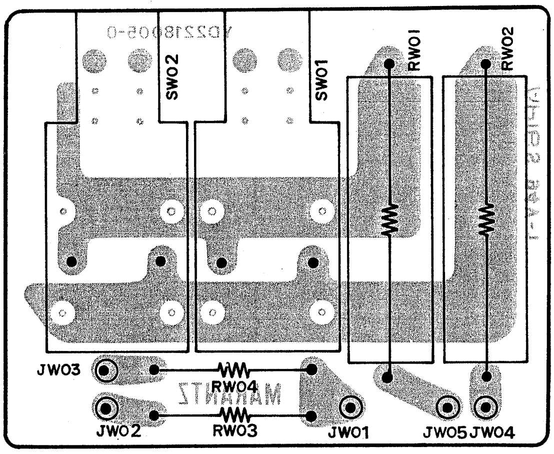
9.15 FILTER AMP CIRCUIT BOARD - PT01


JT04
JT01
LOUDNESS SV01-3
CT19 0.022
RT29 39k
CT17 300p
RT30 39k
RT31 22k
CT20 0.022
RT32 22k
MPX NOISE FILTER ST01-4
CT25 0.015
CT18 300p
FM MUTING ST01-5
RT35 330k
RT36 330k
RT04 240k
RT14 51k
CT02 0.1
CT04 0.1
RT34 1k
QT02
CT06 0.1
RT02 100k
RT08 2.2M
CT08 1500p
RT10 11k
RT06 11k
ST01-1 LOW FILTER
CT05 0.1
RT13 51k
CT01 0.1
CT03 0.1
RT03 240k
RT01 100k
RT33 1k
QT01
QT07
RT38 2.2M
RT23 0
RT05 11k
HI FILTER
ST01-2
CT14 390p
CT13 390p
RT37 2.2M
RT07 2.2M
CT07 1500p
RT09 11k
CT09 2200p
RT11 11k
CT10 2200p
RT12 11k
CT12 0.22
RT16 2.2M
RT18 2.2k
QT08
RT24 0
QT04
RT20 11k
CT16 4p
RT22 3.9k
QT06
RT15 2.2M
CT11 0.22
RT17 2.2k
QT03
RT19 11k
CT15 4p
RT21 3.9k
QT05
QT01~QT04 2SC1681
QT05, QT06 2SA733
QT07, QT08 2SK30A
CT22 10/25V
RT26 270k
RT28 300
CT24 100/16V
-15.0 V
CT21 10/25V
RT25 270k
RT27 300
CT23 100/16V
JT06
JT07
PT01
JT02
JT03
JT08
JT09
JT05

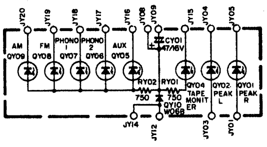

QT03
QT05
RT21
CT15
RT19
RT17
RT15
CT11
CT12
RT12
CT08
RT10
RT08
RT06
RT25
RT11
CT07
RT09
RT07
RT05
CT16
QT04
QT06
RT18
RT15
RT34
RT02
RT03
CT10
CT04
QT02
CT06
RT01
RT33
CT21
CT09
CT14
CT13
RT22
RT20
CT22
RT04
RT14
QT01
CT05
CT03
RT13
CT02
CT01
RT27
RT38
RT37
RT31
RT32
JT04
CT25
CT18
RT30
RT24
RT26
RT28
RT23
ST01-1
JT06
JT08
ST01-2
ST01-3
CT19
ST01-4
CT20
ST01-5
JT05
RT35
RT36
RT29
CT17
CT24
JT07
JT09
CT23
JT02
JT01
L
R
JT03

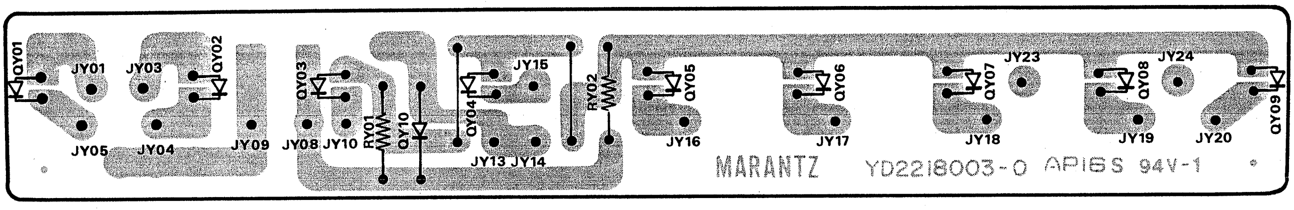
9.16 SPEAKER SYSTEM SWITCHES & ATTENUATOR CIRCUIT BOARD - PW01


PWOI
SWOI-I
SWOI-2
L
R
RWO3 150 (2W)
RWO4 150 (2W)
RWOI 330 (7W)
RWO2 330 (7W)
JWO5
JWO4
JWO2
JWO3
JWOI

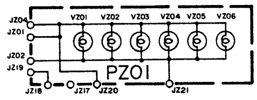

SWO2
SWO1
RWO1
RWO2
JWO3
RWO4
MARANTZ
JWO2
RWO3
JWO1
JWO5
JWO4

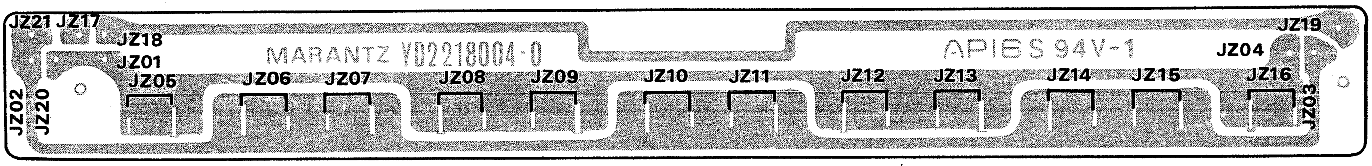
9.17 FUNCTION INDICATOR CIRCUIT BOARD - PY01


AM
FM
PHONO 1
PHONO 2
AUX
QY09
QY08
QY07
QY06
QY05
CY01 47/16V
RY02 750
RY01 750
QY10
QY04 TAPE MONITER
QY02 PEAK L
QY01 PEAK R

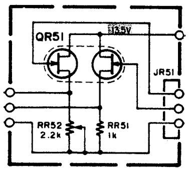

QY01
JY01
JY03
QY02
QY03
JY15
RY02
QY05
QY06
JY23
QY07
QY08
JY24
QY09
JY05
JY04
JY09
JY08
JY10
RY01
QY10
QY04
JY13
JY14
JY16
JY17
JY18
JY19
JY20
MARANTZ
YD2218003-0
APIGS 94V-1

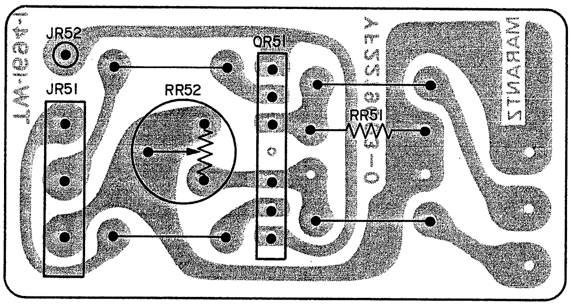
9.18 DIAL LAMP CIRCUIT BOARD - PZ01


JZ04
JZ01
JZ02
JZ19
JZ18
JZ17
JZ20
JZ21
VZ01
VZ02
VZ03
VZ04
VZ05
VZ06
PZ01

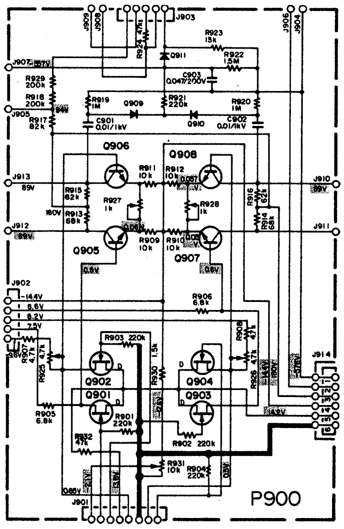

JZ21
JZ17
JZ18
JZ01
JZ05
JZ02
JZ20
MARANTZ YD2218004-0
JZ06
JZ07
JZ08
JZ09
JZ10
JZ11
JZ12
JZ13
APIGS 94V-1
JZ14
JZ15
JZ19
JZ04
JZ16
JZ03

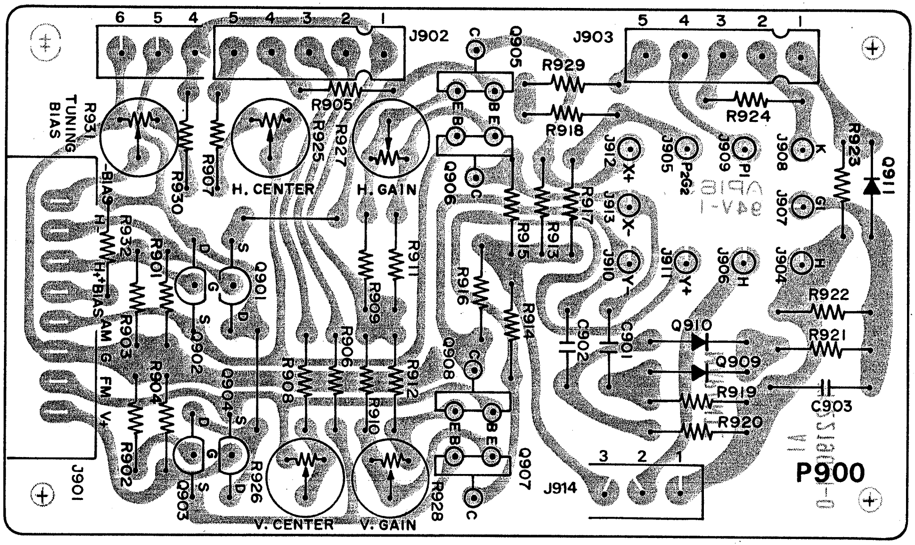
9.19 BUFFER AMP CIRCUIT BOARD - PR50


QR51
JR51
RR52
2.2k
RR51
1k

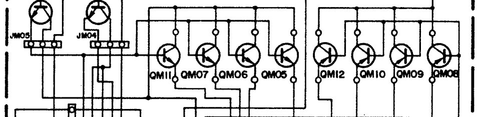

JR52
JR51
RR52
QR51
RR51
MARANTZ

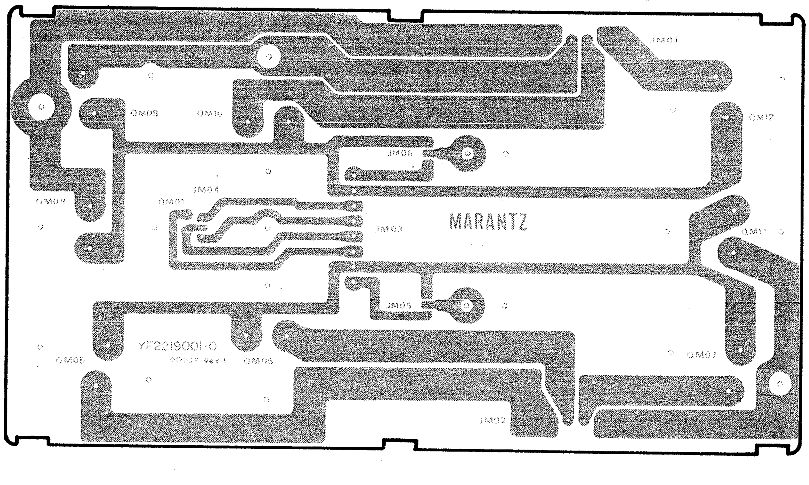
9.20 SCOPE AMP CIRCUIT BOARD - P900


J903
R923
R922
Q911
J907
R929
R918
J905
R917
R919
R921
R920
C901
C902
C903
Q909
Q910
Q906
Q908
R911
R912
R927
R928
R915
R913
R916
R914
J913
J910
J912
J911
Q905
Q907
R909
R910
J902
R906
R903
R908
R925
Q902
Q904
Q901
Q903
R905
R901
R902
R926
R932
R931
R904
J914
J901
P900

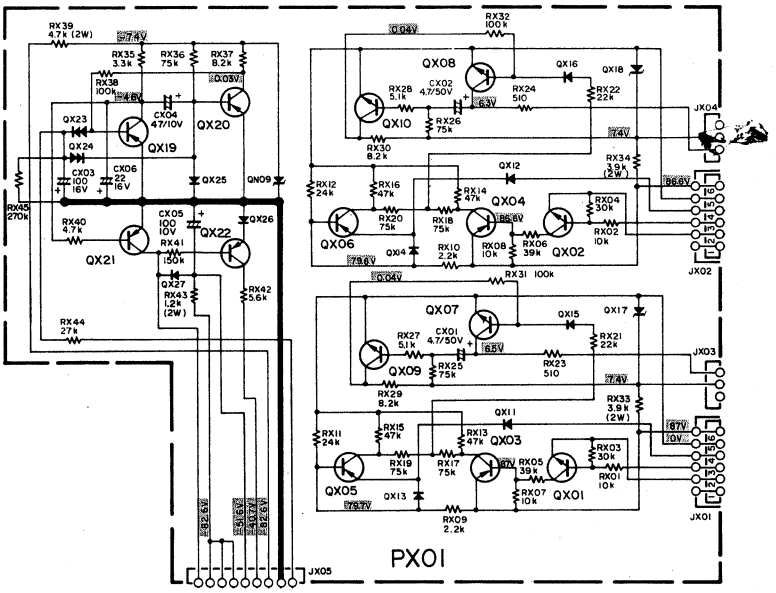

J902
J903
Q905
R929
R924
R918
R923
Q911
R931
TUNING
BIAS
R905
R925
R927
R930
R907
H. CENTER
H. GAIN
Q906
J912
J905
J909
J908
J907
J913
J917
R913
R915
J910
J911
J906
J904
R922
R921
Q910
Q909
R919
R920
C903
C902
C901
R932
R901
R903
R904
R902
Q901
Q902
Q903
Q904
R909
R911
R906
R908
R910
R912
R916
R914
Q908
Q907
R926
R928
V. CENTER
V. GAIN
J901
J914
P900

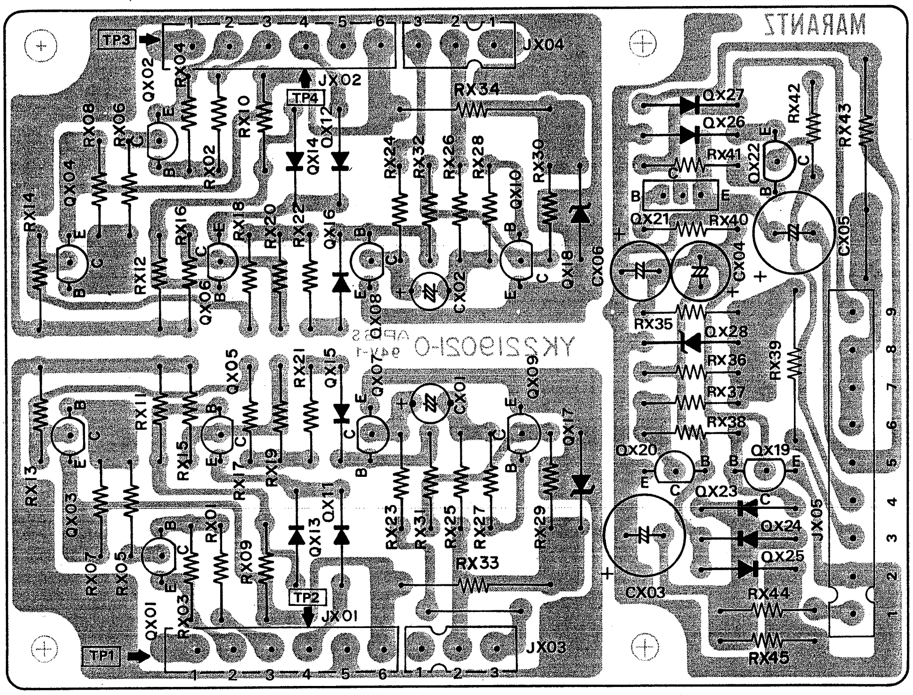
9.21 POWER TRANSISTOR CONNECTION CIRCUIT BOARD - PM01


QM03
QM02
QM11
QM07
QM06
QM05
QM12
QM10
QM09
QM08
QM04
JM03
JM02
JM01


JM01
QM08
QM10
QM12
JM06
JM04
QM09
JM03
MARANTZ
QM11
JM05
YF2219001-0
QM05
QM06
QM07
JM02

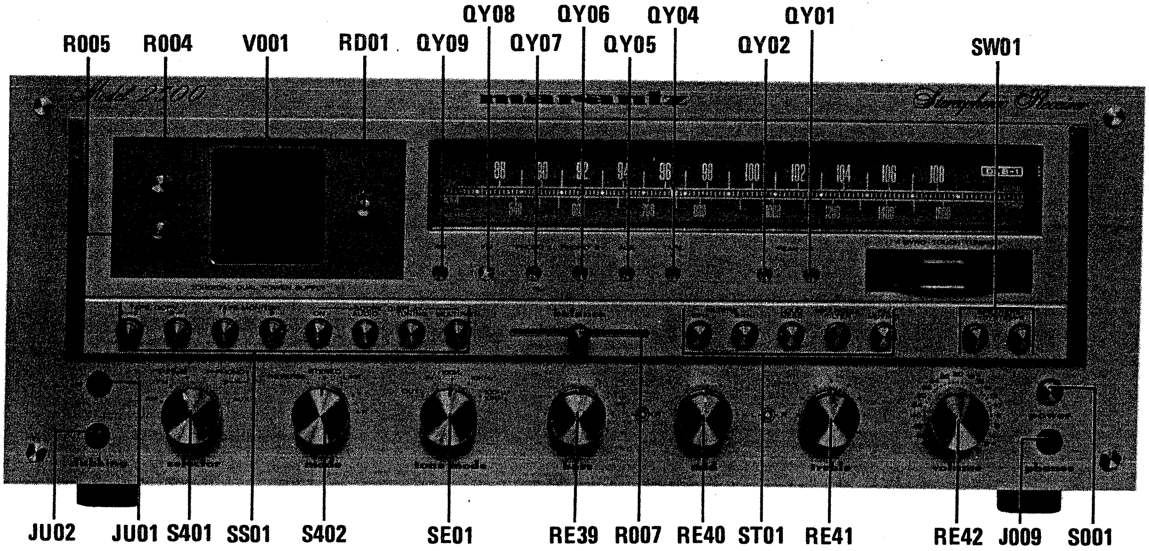
9.22 PEAK INDICATOR & SOFT START CIRCUIT BOARD - PX01


RX39
4.7k (2W)
-7.4V
RX35
3.3k
RX36
75k
RX37
8.2k
RX38
100k
0.03V
-4.6V
CX04
47/10V
QX20
QX23
QX19
QX24
CX03
100
16V
CX06
22
16V
QX25
QN09
RX45
270k
RX40
4.7k
CX05
100
10V
QX26
QX22
QX21
RX41
150k
QX27
RX43
1.2k
(2W)
RX42
5.6k
RX44
27k
-82.6V
-51.6V
-40.7V
-82.6V
JX05
0.04V
RX32
100k
QX08
QX16
QX18
RX28
5.1k
CX02
4.7/50V
6.3V
RX24
510
RX22
22k
QX10
RX26
75k
JX04
7.4V
RX30
8.2k
RX34
3.9k
(2W)
QX12
86.6V
RX12
24k
RX16
47k
RX14
47k
QX04
RX04
30k
RX20
75k
RX18
75k
86.6V
RX02
10k
QX06
QX14
RX10
2.2k
RX08
10k
RX06
39k
QX02
79.6V
JX02
RX31 100k
0.04V
QX07
QX15
QX17
RX27
5.1k
CX01
4.7/50V
RX21
22k
6.5V
QX09
RX25
75k
RX23
510
JX03
7.4V
RX29
8.2k
RX33
3.9k
(2W)
QX11
87V
0V
RX11
24k
RX15
47k
RX13
47k
QX03
RX03
30k
RX19
75k
RX17
75k
87V
RX05
39k
RX01
10k
QX05
QX13
RX07
10k
QX01
79.7V
RX09
2.2k
JX01
PX01
1
2
3
4
5
6

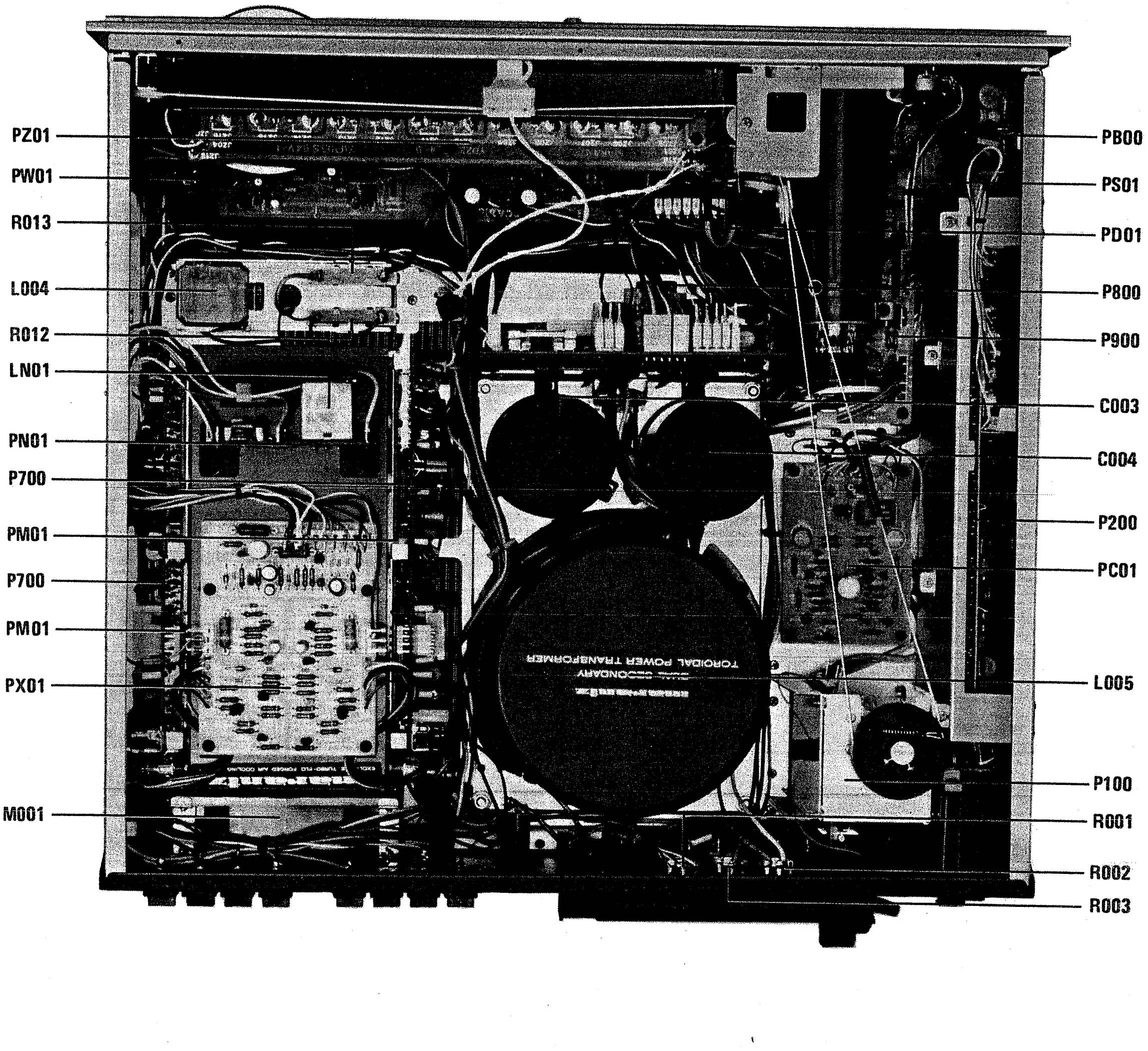

TP3
1
2
3
4
5
6
3
2
1
JX04
MARANTZ
QX02
RX04
JX02
TP4
RX34
QX27
QX26
RX42
RX43
RX08
RX06
E
C
B
RX02
RX10
QX14
QX12
RX24
RX32
RX26
RX28
RX30
RX41
QX22
QX04
RX14
RX16
RX18
RX20
RX22
QX16
QX10
B
E
QX21
RX40
CX05
RX12
QX06
QX08
CX02
QX18
CX06
CX04
RX35
QX28
YK22190ZI-O
RX36
RX37
RX38
RX39
QX05
RX21
QX15
QX07
CX01
QX09
QX17
RX11
RX13
RX15
RX17
RX19
QX20
QX19
QX23
QX24
QX25
RX23
RX31
RX25
RX27
RX29
QX03
QX13
QX11
RX01
RX09
RX33
RX07
RX05
RX03
QX01
TP2
JX01
CX03
RX44
RX45
JX05
TP1
JX03
1
2
3
4
5
6
1
2
3
9
8
7
6
5
4
3
2
1

10. MAJOR COMPONENT LOCATIONS

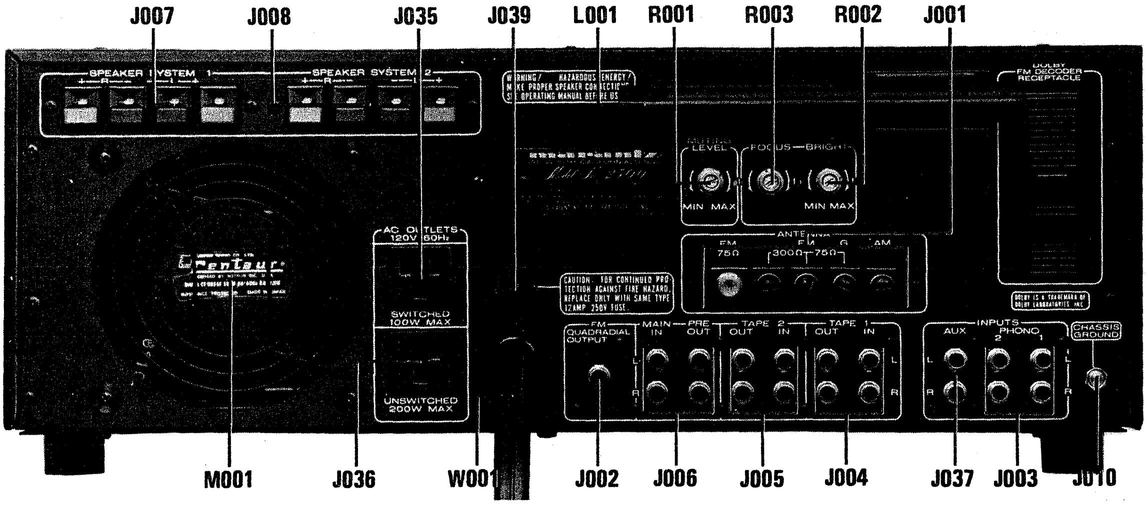
10.1 CABINET - FRONT VIEW - U.S.A. & CANADA


QY08
QY06
QY04
QY01
R005
R004
V001
RD01
QY09
QY07
QY05
QY02
SW01
JU02
JU01
S401
SS01
S402
SE01
RE39
R007
RE40
ST01
RE41
RE42
J009
S001

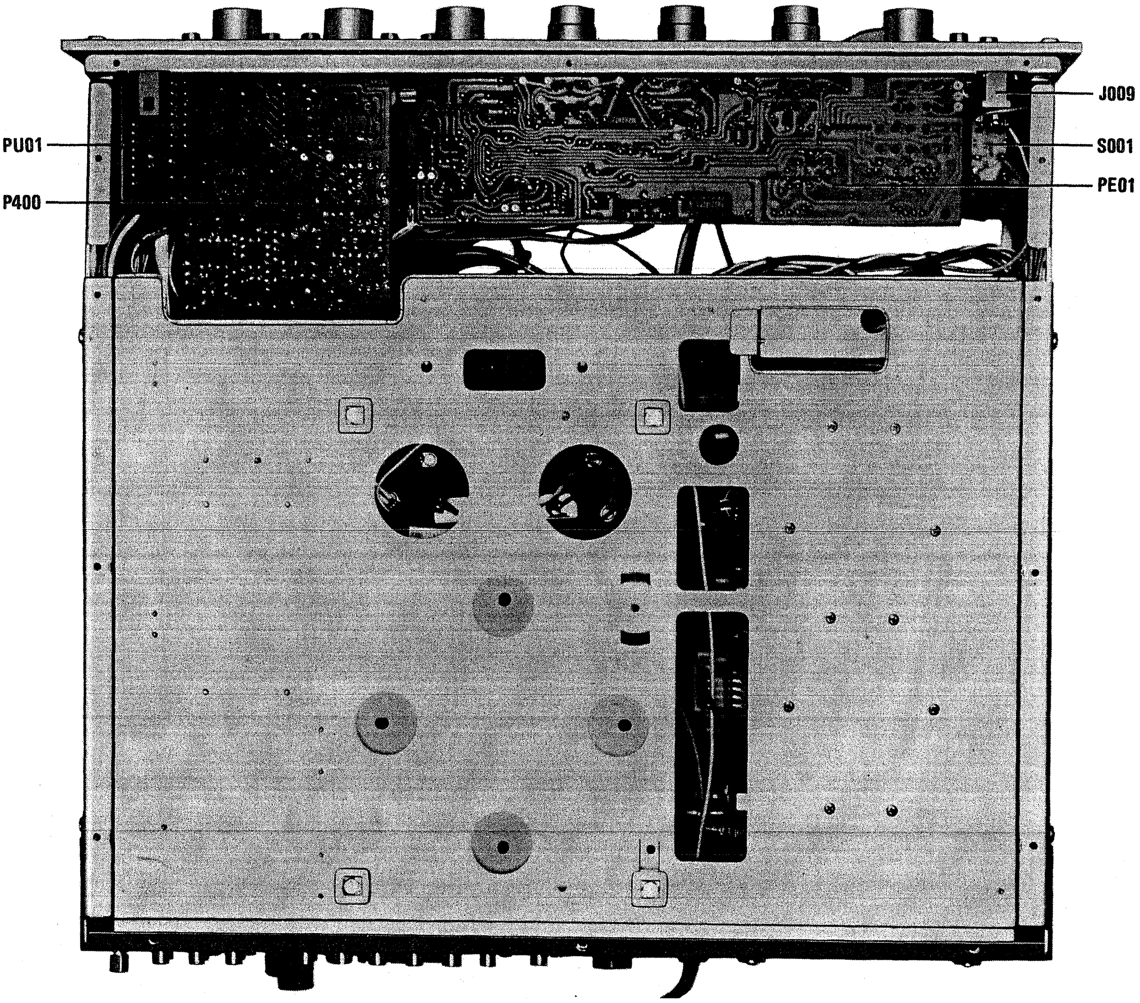
10.2 CHASSIS - TOP VIEW - U.S.A. & CANADA


PZ01
PW01
R013
L004
R012
LN01
PN01
P700
PM01
P700
PM01
PX01
M001
PB00
PS01
PD01
P800
P900
C003
C004
P200
PC01
L005
P100
R001
R002
R003

10.3 CABINET - REAR VIEW - U.S.A. & CANADA

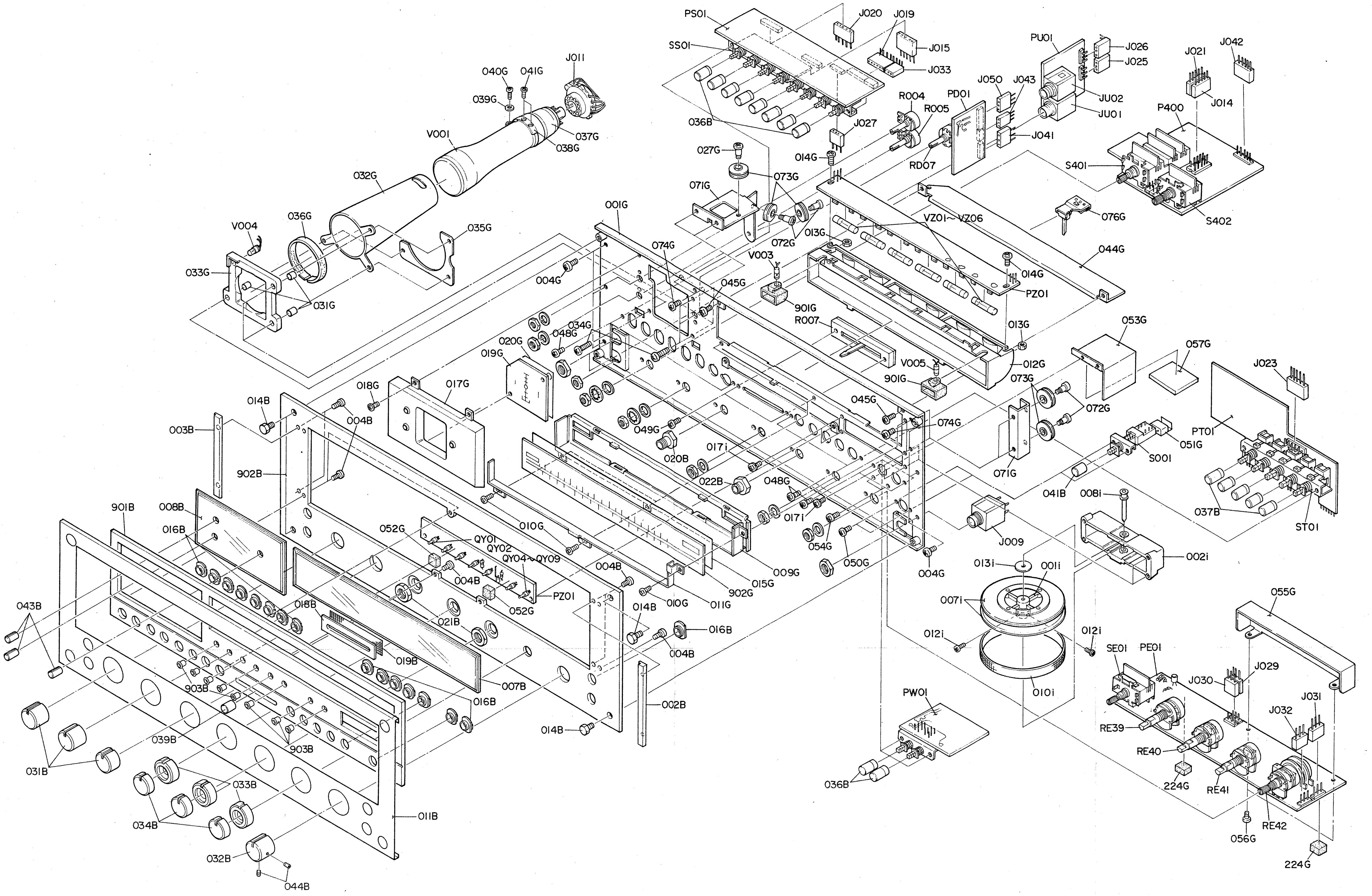

J007
J008
J035
J039
L001
R001
R003
R002
J001
M001
J036
W001
J002
J006
J005
J004
J037
J003
J010

10.4 CHASSIS - BOTTOM VIEW - U.S.A. & CANADA


PU01
P400
J009
S001
PE01

11. EXPLODED VIEWS

11.1 FRONT PANEL EXPLODED VIEW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SS01
J015
J033
PU01
J026
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J021
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J011
040G
041G
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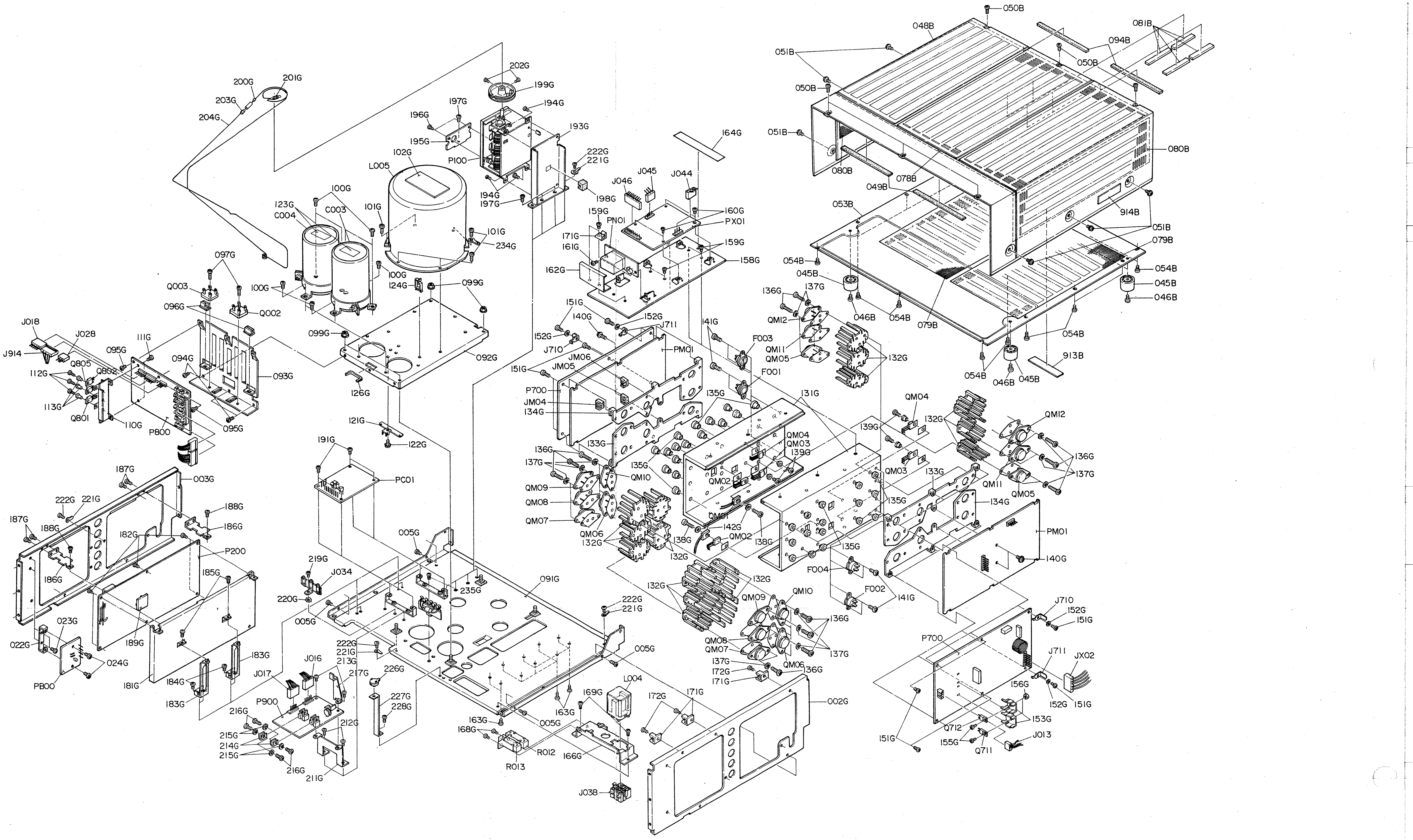
V001
037G
038G
036B
J027
R004
R005
PD01
J050
J043
JU02
JU01
J014
P400
027G
014G
RD07
J041
S401
032G
073G
071G
001G
076G
S402
V004
036G
035G
VZ01~VZ06
044G
033G
031G
074G
004G
013G
072G
V003
045G
014G
PZ01
901G
R007
034G
048G
020G
019G
053G
057G
013G
J023
012G
V005
073G
901G
018G
017G
045G
072G
014B
004B
074G
003B
049G
071G
PT01
051G
S001
020B
017i
902B
022B
048G
041B
008i
037B
ST01
901B
008B
016B
017i
052G
010G
QY01
QY02
QY04~QY09
J009
054G
050G
009G
002i
004G
013i
001i
004B
015G
902G
PZ01
011G
010G
043B
018B
052G
021B
014B
016B
007i
055G
012i
012i
004B
019B
SE01
PE01
J029
J030
903B
007B
016B
002B
PW01
J031
J032
010i
RE39
039B
014B
903B
031B
033B
RE40
224G
RE41
036B
034B
011B
056G
RE42
224G
032B
044B

11.2 CHASSIS EXPLODED VIEW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080B
080B
078B
049B
914B
053B
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079B
054B
054B
045B
045B
046B
046B
054B
079B
054B
054B
913B
046B
045B
164G
202G
199G
194G
193G
201G
200G
203G
204G
197G
196G
195G
P100
102G
L005
222G
221G
198G
194G
197G
J046
J045
J044
160G
PX01
PN01
159G
171G
161G
159G
158G
162G
100G
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234G
123G
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C003
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097G
Q003
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096G
Q002
J018
J028
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Q805
Q802
112G
113G
Q801
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P800
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092G
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121G
122G
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140G
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J711
152G
J710
JM06
PM01
151G
JM05
P700
JM04
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141G
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136G
137G
QM11
QM05
132G
F001
046B
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QM04
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QM12
139G
QM04
QM03
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F002
141G
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132G
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QM06
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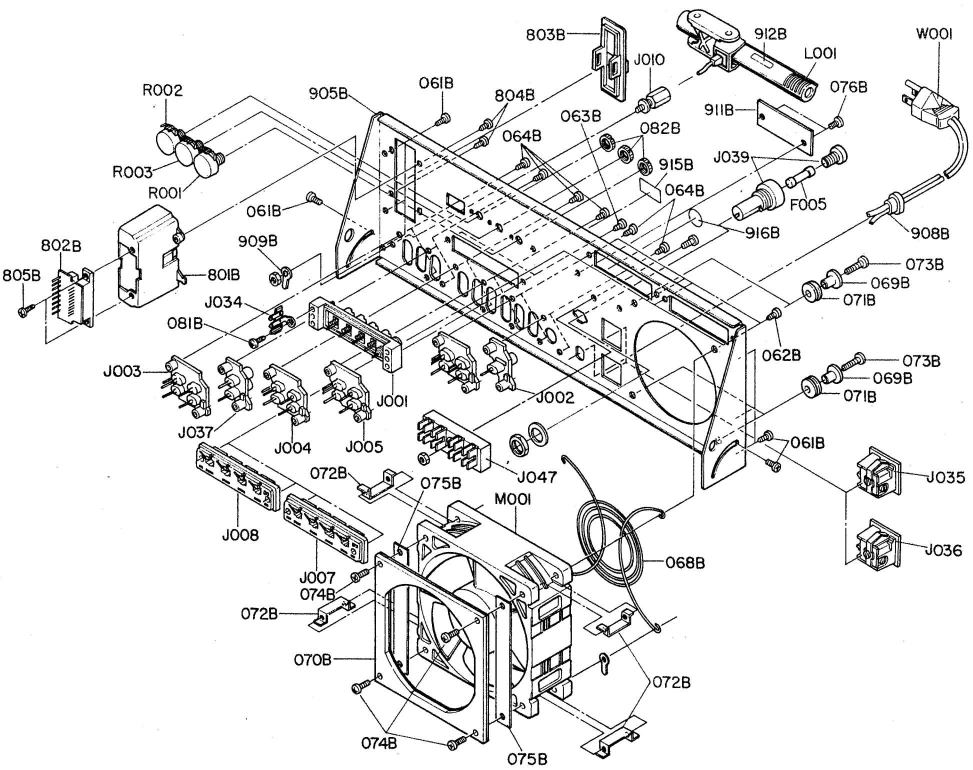
151G
P700
J711
JX02
156G
152G
151G
153G
151G
Q712
155G
Q711
J013
191G
PC01
187G
003G
222G
221G
188G
186G
187G
188G
182G
186G
P200
185G
186G
005G
219G
J034
235G
091G
220G
005G
222G
221G
023G
022G
024G
P800
189G
183G
181G
184G
183G
J016
J017
217G
222G
221G
213G
226G
227G
228G
P900
216G
215G
214G
215G
216G
212G
211G
005G
L004
169G
172G
171G
163G
168G
163G
005G
R012
R013
166G
J038
002G

11.3 REAR PANEL EXPLODED VIEW - U.S.A. & CANADA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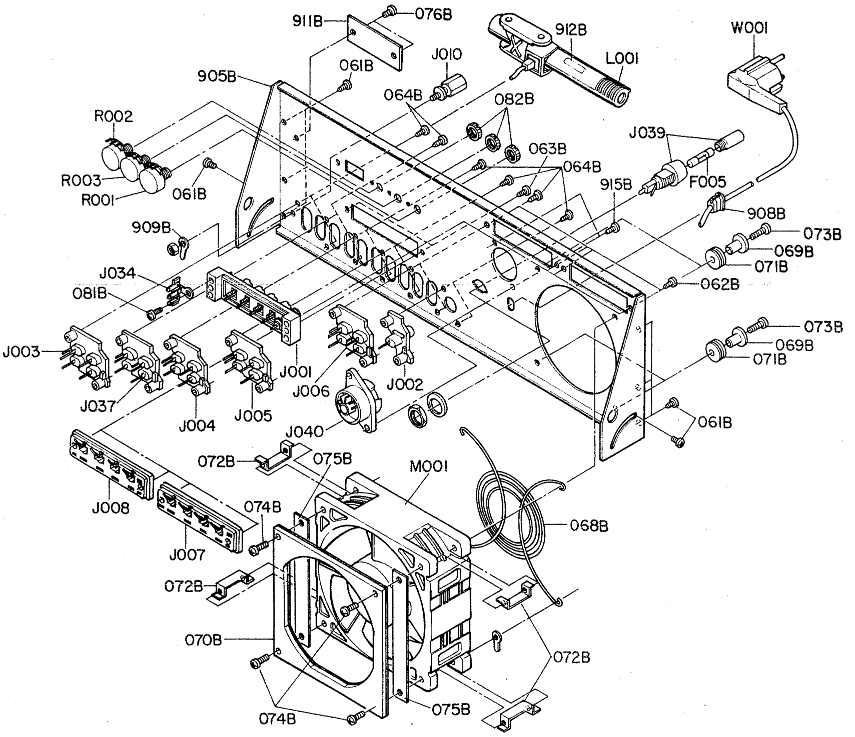
064B
R003
915B
J039
R001
064B
061B
F005
916B
802B
909B
908B
805B
801B
073B
069B
J034
071B
081B
062B
073B
J003
069B
J001
071B
J002
J037
061B
J004
J005
J047
J035
072B
075B
M001
J008
J036
068B
J007
074B
072B
070B
072B
074B
075B

11.4 REAR PANEL EXPLODED VIEW - EUROPE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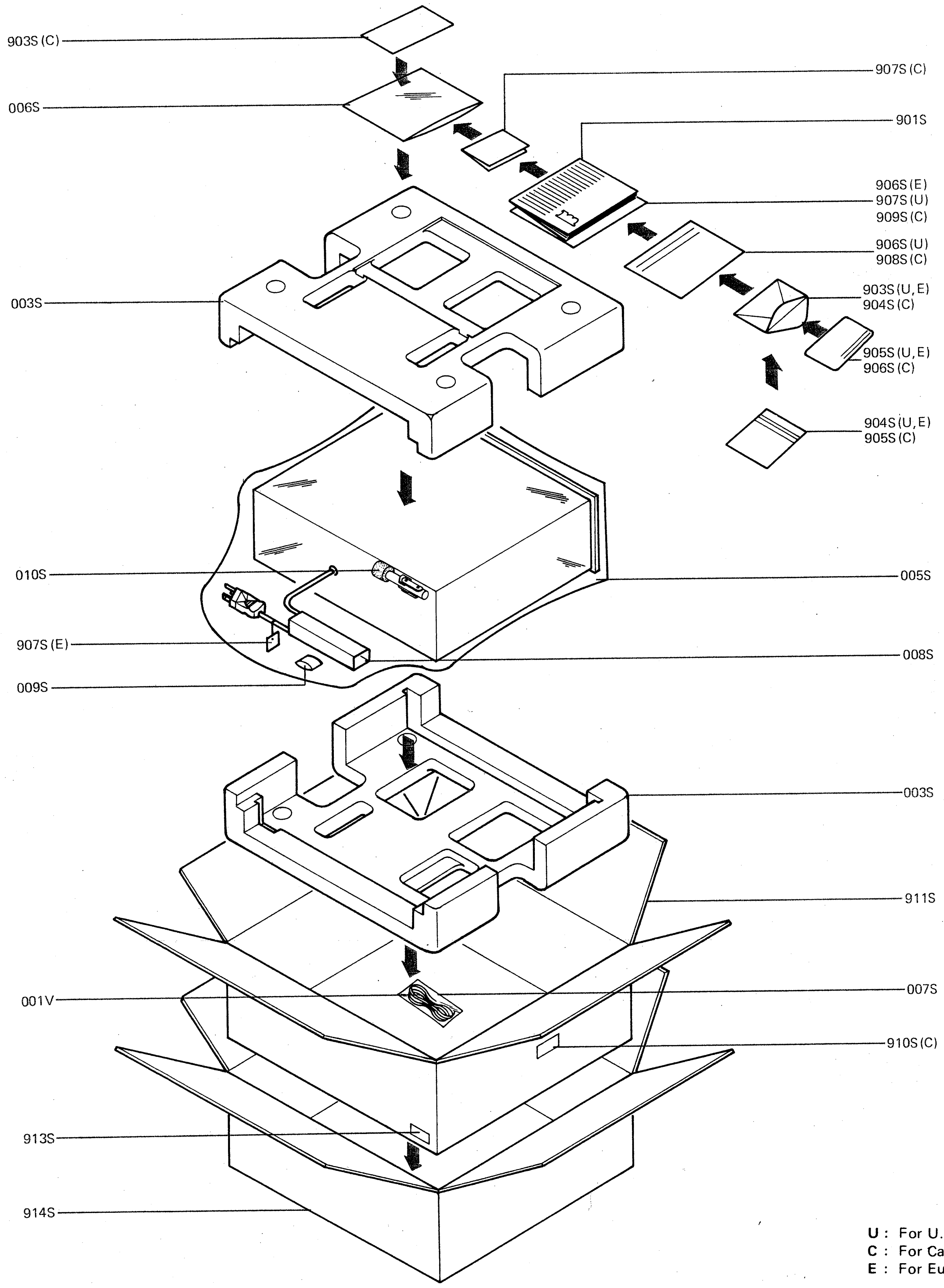
076B
912B
W001
J010
L001
905B
061B
064B
082B
R002
J039
063B
064B
F005
R003
915B
R001
061B
908B
909B
073B
069B
071B
J034
062B
081B
073B
069B
J003
071B
J001
J006
J002
J037
061B
J004
J005
J040
072B
075B
M001
J008
074B
068B
J007
072B
070B
072B
074B
075B

11.5 PACKING MATERIAL EXPLODED VIEW


903S (C)
907S (C)
006S
901S
906S (E)
907S (U)
909S (C)
906S (U)
908S (C)
003S
903S (U, E)
904S (C)
905S (U, E)
906S (C)
904S (U, E)
905S (C)
010S
005S
907S (E)
008S
009S
003S
911S
001V
007S
910S (C)
913S
914S

U : For U.S.A.
C : For Canada
E : For Europe

12. PARTS LIST

U : For U.S.A.
C : For Canada
E : For Europe

REF. DESIG.	Q'TY			PART NO.	DESCRIPTION
	U	C	E		
A	1	1		2219063400	Front Panel Assembly
A1			1	2219063410	Front Panel Assembly
002B	1	1	1	2218063040	Escutcheon
003B	1	1	1	2218063030	Escutcheon
004B	10	10	10	51280308B0	B.H. Tapped Screw, B3x8ST
007B	1	1	1	2219158210	Window
008B	1	1	1	2219158220	Window
011B	1	1	1	2218053010	Cover
016B	16	16	16	2978259010	Bushing
018B	1	1	1	2854259110	Bushing
901B	1	1		2219063024	Escutcheon
901B			1	2219063120	Escutcheon
902B	1	1		2219063014	Escutcheon
902B			1	2219063110	Escutcheon
B	1	1	1	2218257400	Lid Assembly, Upper
048B	1	1	1	2218257010	Lid
049B	4	4	4	2577118070	Spacer
C	1	1	1	2219159400	Drum Assembly
199G	1	1	1	2219159010	Drum
201G	1	1	1	71101569M0	Spring
202G	2	2	2	51064019A9	P.H.M. Screw, P4x19
D	1	1	1	1202006430	Hook Assembly
203G	1	1	1	1202258010	Hook
204G	1	1	1	72071605A0	String
E	1	1	1	2219273400	Flywheel Assembly
001I	1	1	1	2219273010	Flywheel
007I	2	2	2	2219063030	Escutcheon
010I	1	1	1	2219353010	Ring
012I	1	1	1	51820206B0	P.H.M. Screw, P2x6
					MECHANICAL PARTS
PC08	1	1	1	2933118020	Spacer
PC11	1	1	1	75061251P0	Jumper Wire
PE07	4	4	4	3444118050	Spacer
PE11	15	15	15	75061251P0	Jumper Wire
PN08	2	2	2	3444118050	Spacer
PS11	8	8	8	75061501P0	Jumper Wire
PT11	14	14	14	75061001P0	Jumper Wire
PX07	8	8	8	3444118050	Spacer
PX11	2	2	2	75061251P0	Jumper Wire
PY11	1	1	1	75061251P0	Jumper Wire
P208	12	12	12	2933118020	Spacer
P211	12	12	12	75061251P0	Jumper Wire
P407	4	4	4	3444118050	Spacer
P411	3	3	3	75061251P0	Jumper Wire
P707	20	20	20	3444118050	Spacer
P711	10	10	10	75061251P0	Jumper Wire
P807	12	12	12	3444118050	Spacer
P811	1	1	1	75061251P0	Jumper Wire
P916	1	1	1	75061251P0	Jumper Wire
001G	1	1	1	2219160013	Bracket
001V	1	1	1	ZA02000070	Ext. Antenna, FM
002G	1	1	1	2218160022	Bracket
002I	1	1	1	2219104500	Retainer
003G	1	1	1	2218160032	Bracket
003I	1	1	1	2219104010	Retainer
003S	2	2	2	2219809010	Cushion
004G	6	6	6	51280408B0	B.H. Tapped Screw, B4x8ST
004I	2	2	2	2219106010	Sustainer
005G	4	4	4	51280406B0	B.H. Tapped Screw, B4x6ST
005I	1	1	1	2219106020	Sustainer
005S	1	1	1	9015555500	Polyethylene Bag, Set
006S	1	1	1	9013025010	Polyethylene Bag, Printed Matter
007S	1	1	1	9013025010	Polyethylene Bag, Accessory
008I	1	1	1	2219112010	Shaft
008S	1	1	1	2864804010	Sleeve, AC Cord
009G	1	1	1	2218271012	Holder
009S	1	1	1	2731821010	Silicagel
010G	3	3	3	5128030680	B.H. Tapped Screw, B3x6ST
010S	1	1	1	2819056010	Buffer, Ferrite-rod Antenna
011G	1	1	1	2219053020	Cover
012G	1	1	1	2218274012	Reflector
013G	2	2	2	53110303E9	Hexagon Nut
013I	1	1	1	59031405G9	Washer
014B	4	4	4	52017059J0	H. Head Bolt
014G	2	2	2	51100308S9	B.H.M. Screw, B3x8
015G	1	1	1	2219107010	Sheet
017G	1	1	1	2219401012	Frame
017I	4	4	4	51470306A9	L. Washer Screw
018G	2	2	2	51280306U0	B.H. Tapped Screw, P3x6ST
019B	1	1	1	2219107020	Sheet
019G	1	1	1	2904302020	Dial
020B	1	1	1	2219101010	Support
020G	1	1	1	2904303013	Mask
021B	2	2	2	53118129G0	Hexagon Nut
022B	1	1	1	2219101020	Support
022G	1	1	1	2854160030	Bracket
023G	2	2	2	51280306B0	B.H. Tapped Screw, B3x6ST
024G	2	2	2	51100306S9	B.H.M. Screw, B3x6
031B	3	3	3	2221154230	Knob
031G	3	3	3	2219055020	Collar
032B	1	1	1	2221154140	Knob
032G	1	1	1	2219109012	Shield
033B	3	3	3	2210154220	Knob
033G	1	1	1	2219357012	Rod
034B	3	3	3	2210154210	Knob
034G	3	3	3	51100314A9	B.H.M. Screw, B3x14
035G	1	1	1	2207005010	Clamper
036B	10	10	10	2218154010	Knob
036G	1	1	1	2904056012	Buffer
037B	5	5	5	2218154020	Knob
037G	1	1	1	2904056022	Buffer
038G	1	1	1	2904005030	Clamper
039B	1	1	1	2970154013	Knob
039G	1	1	1	54020301S0	Flat Washer P.
040G	1	1	1	51100308S9	B.H.M. Screw, B3x8
041B	1	1	1	2970154032	Knob

U : For U.S.A.
C : For Canada
E : For Europe

REF. DESIG.	Q'TY			PART NO.	DESCRIPTION
	U	C	E		
041G	2	2	2	51100304S9	B.H.M. Screw, B3x4
042G	1	1	1	2219053010	Cover
043B	3	3	3	2219154010	Knob
044B	2	2	2	51690306Q9	Socket Screw, HP
044G	1	1	1	2218051010	Guide
045B	4	4	4	2759057012	Leg
045G	2	2	2	51100306A9	B.H.M. Screw, B3x6
046B	4	4	4	51570410S9	P. Tapped Screw, P4x10
048G	6	6	6	51100306A9	B.H.M. Screw, B3x6
049G	2	2	2	51100306A9	B.H.M. Screw, B3x6
050B	6	6	6	51280306U0	B.H. Tapped Screw, B3x6ST
050G	2	2	2	51100306A9	B.H.M. Screw, B3x6
051B	6	6	6	51480406S9	F. Washer Screw
051G	1	1	1	2219120010	Insulator
052G	2	2	2	51280306B0	B.H. Tapped Screw, B3x6ST
053B	1	1	1	2218257020	Lid
053G	1	1	1	2207109020	Shield
054B	13	13	13	51280410U0	B.H. Tapped Screw, B4x10ST
054G	2	2	2	51100306A9	B.H.M. Screw, B3x6
061B	8	8	8	51280306U0	B.H. Tapped Screw, B3x6
061G	1	1	1	2218262500	Pulley
062B	4	4	4	51280308U0	B.H. Tapped Screw, B3x8ST
062G	1	1	1	2218160150	Bracket
063B	2	2	2	51280308U0	B.H. Tapped Screw, B3x8ST
063G	2	2	2	51103029A0	B.H.M. Screw, B3x29
064B	12	12	12	51280308U0	B.H. Tapped Screw, B3x8ST
064G	2	2	2	2991262010	Pulley
065B	1	1	1	2218271060	Holder
066B	1	1	1	2218271070	Holder
066G	2	2	2	51280306B0	B.H. Tapped Screw, B3x6ST
068B	1	1	1	2219202010	Net
069B	4	4	4	2219055010	Collar
070B	1	1	1	2219118012	Spacer
070G	1	1	1	2218262510	Pulley
071B	4	4	4	2219259020	Bushing
071G	1	1	1	2218160160	Bracket
072B	4	4	4	2219160042	Bracket
072G	3	3	3	51103029A0	B.H.M. Screw, B3x29
073B	4	4	4	51100318S9	B.H.M. Screw, B3x18
073G	3	3	3	2991262010	Pulley
074B	4	4	4	51100308S9	B.H.M. Screw, B3x8
074G	2	2	2	51280306B0	B.H. Tapped Screw, B3x6ST
076B	2	2	2	51280306U0	B.H. Tapped Screw, B3x6ST
076G	1	1	1	2218103500	Pointer
077G	1	1	1	2218103010	Pointer
078B	1	1	1	2219202022	Net
078G	1	1	1	2218103020	Pointer
079B	2	2	2	2219202032	Net
079G	1	1	1	2218152010	Tube
080B	2	2	2	2219202042	Net
080G	1	1	1	2218280010	Housing
081G	1	1	1	2218118010	Spacer
082G	1	1	1	IN10080410	Lamp, 8V 50mA
091G	1	1	1	2219015013	Chassis
092G	1	1	1	2218105022	Chassis
093G	1	1	1	2218267022	Heatsink
094G	3	3	3	51280306B0	B.H. Tapped Screw, B3x6ST
095G	3	3	3	51280306U0	B.H. Tapped Screw, B3x6ST
096G	2	2	2	2218271020	Holder
097G	2	2	2	51280312B0	B.H. Tapped Screw, B3x12ST

REF. DESIG.	Q'TY			PART NO.	DESCRIPTION
	U	C	E		
099G	4	4	4	53250501A0	Special Nut
100G	6	6	6	51280408B0	B.H. Tapped Screw, B4x8ST
101G	6	6	6	51280408B0	B.H. Tapped Screw, B4x8ST
102G	1	1	1	2207861020	Label
105G	1	1	1	2917267022	Heatsink
106G	1	1	1	53110303E9	Hexagon Nut
107G	1	1	1	51100308S9	B.H.M. Screw, B3x8
110G	1	1	1	2219267020	Heatsink
111G	2	2	2	51280306U0	B.H. Tapped Screw, B3x6
112G	3	3	3	51280306U0	B.H. Tapped Screw, B3x6
113G	3	3	3	2219259030	Bushing
121G	1	1	1	2218123010	Contactor
122G	1	1	1	51280306B0	B.H. Tapped Screw, B3x6ST
124G	1	1	1	2886005050	Clamper
125G	1	1	1	2886005060	Clamper
126G	1	1	1	2218259020	Bushing
131G	2	2	2	2219267013	Heatsink
132G	16	16	16	2219267030	Heatsink
133G	2	2	2	2219160102	Bracket
134G	2	2	2	2219160113	Bracket
135G	32	32	32	2219259010	Bushing
136G	32	32	32	51100316A9	B.H.M. Screw, B3x16
138G	2	2	2	51280312U0	B.H. Tapped Screw, B3x12ST
139G	4	4	4	51280306U0	B.H. Tapped Screw, B3x6ST
140G	2	2	2	51100304S9	B.H.M. Screw, B3x4
141G	4	4	4	51280306U0	B.H. Tapped Screw, B3x6ST
151G	12	12	12	51100306S9	B.H.M. Screw, B3x6
153G	8	8	8	2917267022	Heatsink
154G	4	4	4	51100310S9	B.H.M. Screw, B3x10
155G	4	4	4	51100308S9	B.H.M. Screw, B3x8
156G	8	8	8	53110303E9	Hexagon Nut
158G	1	1	1	2219160082	Bracket
159G	6	6	6	51280306U0	B.H. Tapped Screw, B3x6ST
160G	4	4	4	51280306U0	B.H. Tapped Screw, B3x6ST
161G	2	2	2	51280306U0	B.H. Tapped Screw, B3x6ST
162G	1	1	1	2207269010	Protector
163G	10	10	10	51280308B0	B.H. Tapped Screw, B3x8ST
164G	1	1	1	2207861010	Label
166G	1	1	1	2219160050	Bracket
167G	2	2	2	51280408B0	B.H. Tapped Screw, B4x8ST
168G	2	2	2	51280306B0	B.H. Tapped Screw, B3x6ST
169G	2	2	2	51280306B0	B.H. Tapped Screw, B3x6ST
171G	4	4	4	2887005110	Clamper
172G	3	3	3	51280306B0	B.H. Tapped Screw, B3x6ST
181G	1	1	1	2218160050	Bracket
182G	6	6	6	51280306U0	B.H. Tapped Screw, B3x6ST
183G	2	2	2	2218160060	Bracket
184G	4	4	4	51280306B0	B.H. Tapped Screw, B3x6ST
185G	2	2	2	51280306B0	B.H. Tapped Screw, B3x6ST
186G	2	2	2	2218160092	Bracket
187G	4	4	4	51280306B0	B.H. Tapped Screw, B3x6ST
188G	2	2	2	51280306B0	B.H. Tapped Screw, B3x6ST
189G	1	1	1	2908109022	Shield
191G	4	4	4	51100306S9	B.H.M. Screw, B3x6
193G	1	1	1	2218160080	Bracket
194G	4	4	4	51280306B0	B.H. Tapped Screw, B3x6ST
195G	1	1	1	2218160040	Bracket
196G	2	2	2	51100306A0	B.H.M. Screw, B3x6
197G	5	5	5	51280306B0	B.H. Tapped Screw, B3x6ST
198G	2	2	2	2891056010	Buffer

U : For U.S.A.
C : For Canada
E : For Europe

REF. DESIG.	Q'TY U	Q'TY C	Q'TY E	PARTS NO.	DESCRIPTION
200G	1	1	1	56382540G0	Eyelet
203G	1	1	1	1202258010	Hook
211G	1	1	1	2219160020	Bracket
212G	2	2	2	51280306B0	B.H. Tapped Screw, B3x6ST
213G	2	2	2	51280306U0	B.H. Tapped Screw, B3x6ST
214G	2	2	2	2219267040	Heatsink
215G	4	4	4	54040302N0	Spring Washer
216G	4	4	4	50020305B9	Screw
217G	1	1	1	2207005022	Clamper
219G	1	1	1	51280306B0	B.H. Tapped Screw, B3x6ST
220G	1	1	1	54050300A0	T.L. Washer OR
221G	4	4	4	62030039W0	Lug
222G	4	4	4	51280306B0	B.H. Tapped Screw, B3x6ST
224G	2	2	2	2891056010	Buffer
226G	1	1	1	2908259010	Bushing
227G	1	1	1	2991005010	Clamper
228G	1	1	1	51280306B0	B.H. Tapped Screw, B3x6ST
801B	1	1		2218271050	Holder
802B	1	1		2218258010	Hook
803B	1	1		2218257030	Lid
804B	2	2		51280308U0	B.H. Tapped Screw, B3x8ST
805B	2	2		51280308U0	B.H. Tapped Screw, B3x8ST
901G	2	2	1	2218274032	Reflector
901S	1			2219851010	Instructions
901S		1	1	2219851310	Instructions
902G	1	1		2218302010	Dial
902G			1	2218302020	Dial
903B	8	8	9	2979259022	Bushing
903S	1			2577813010	Envelope
903S			1	2818813010	Envelope
903S		1		2886851100	Instructions
904S	1			2577851020	Instructions
904S			1	2818851120	Instructions
904S		1		2918813012	Envelope
905B	1	1		2219160214	Bracket
905B			1	2219160220	Bracket
905S	1			2577854012	Guarantee Card
905S		1		2818851120	Instructions
905S			1	9630000180	Guarantee Card
906S			1	2818851140	Instructions
906S	1			2818854023	Guarantee Card
906S		1		9630000180	Guarantee Card
907S	1			2818851040	Instructions
907S			1	9560000042	Hang Tag
907S		1		9650000050	Service Station Card
908B			1	1455259040	Bushing
908B	1	1		1455259100	Bushing
908S		1		2818854042	Guarantee Card
909B	1	1	2	62040029W0	Lug
909S		1		2818851140	Instructions
910S		2		9510901020	Label
911B	1			2219265010	Indicator
911B		1		2219265022	Indicator
911B			1	2219265040	Indicator
911S	1	1	1	2219801010	Packing Case, Inner
912B	1		1	2506265060	Indicator
912B		1		2911861170	Label
913B	1		1	2578861010	Label

REF. DESIG.	Q'TY U	Q'TY C	Q'TY E	PARTS NO.	DESCRIPTION
913B		1		2911861110	Label
913S	4			9522815010	Serial No. Card
913S			7	9523015110	Serial No. Card
913S		4		9523015120	Serial No. Card
914S	1	1	1	2219801110	Packing Case, Outer
914B		1		2911861140	Label
914B	1		1	2932861010	Label
915B			2	51100308S9	B.H.M. Screw, B3x8
915B		1		9510911010	Label
915B	1			9510911020	Label
916B		1		2457861040	Label
916B	1			9511101020	Label
917B		1		2911861190	Label
917B	1			9510221010	Label
918B		1		2911861160	Label
919B		1		2911861300	Label
					ELECTRICAL PARTS
CB01	1	1	1	DD12100010	Cap., Ceramic, 10pF
CB02	1	1	1	DF16683010	Cap., Film, 0.068µF
CB03	1	1	1	DF17403010	Cap., Film, 0.04µF
CB04	1	1	1	DK18104020	Cap., Ceramic, 0.1µF
CB05	1	1	1	DK18403020	Cap., Ceramic, 0.04µF
CB06	1	1	1	EA10601690	Cap., Elect., 10µF, 16V
JB01	1	1	1	YP10001130	Plug
JB02	1	1	1	YP10001130	Plug
JB03	1	1	1	YP10001130	Plug
JB04	1	1	1	YP10001130	Plug
LB01	1	1	1	LC21050010	Choke Coil, 1mH
PB00	1	1	1	YA22180610	P.W. Board, FM Noise Amp
	1	1	1	ZZ22180610	P.W. Board Assembly
QB01	1	1	1	HT308281D0	Transistor, 2SC828S
QB02	1	1	1	HT308281D0	Transistor, 2SC828S
QB03	1	1	1	HD10001050	Diode, 1N60
QB04	1	1	1	HD10001050	Diode, 1N60
RB01	1	1	1	RT05562140	Res., Fixed, 5.6kΩ ±5%, ¼W
RB02	1	1	1	RT05104140	Res., Fixed, 100kΩ±5%, ¼W
RB03	1	1	1	RT05273140	Res., Fixed, 27kΩ ±5%, ¼W
RB04	1	1	1	RT05102140	Res., Fixed, 1kΩ ±5%, ¼W
RB05	1	1	1	RT05273140	Res., Fixed, 27kΩ ±5%, ¼W
RB06	1	1	1	RT05333140	Res., Fixed, 33kΩ ±5%, ¼W
RB07	1	1	1	RT05221140	Res., Fixed, 220Ω ±5%, ¼W
RB08	1	1	1	RT05101140	Res., Fixed, 100Ω ±5%, ¼W
RB09	1	1	1	RT05101140	Res., Fixed, 100Ω ±5%, ¼W
CC01	1	1	1	EV47403560	Cap., Elect., 0.47µF, 35V
CC02	1	1	1	EV47403560	Cap., Elect., 0.47µF, 35V
CC03	1	1	1	EV10503560	Cap., Elect., 1µF, 35V
CC04	1	1	1	EV10503560	Cap., Elect., 1µF, 35V
CC05	1	1	1	EV10503560	Cap., Elect., 1µF, 35V
CC06	1	1	1	EV10503560	Cap., Elect., 1µF, 35V
CC07	1	1	1	EA22702590	Cap., Elect., 220µF, 25V
CC08	1	1	1	EA47503590	Cap., Elect., 4.7µF, 35V
JC01	1	1	1	YP10001130	Plug
JC02	1	1	1	YP10001130	Plug
JC03	1	1	1	YP10001130	Plug
JC04	1	1	1	YP10001130	Plug
JC05	1	1	1	YP10001130	Plug

U : For U.S.A.
C : For Canada
E : For Europe

REF. DESIG.	Q'TY U	Q'TY C	Q'TY E	PART NO.	DESCRIPTION
JC06	1	1	1	YP10001130	Plug
JC07	1	1	1	YP10001130	Plug
JC08	1	1	1	YP10001130	Plug
JC09	1	1	1	YP10001130	Plug
JC10	1	1	1	YP10001130	Plug
JC11	1	1	1	YP10001130	Plug
JC12	1	1	1	YP10001130	Plug
LC01	1	1	1	LY20240120	Relay
PC01	1	1	1	YA22180220	P.W. Board, FM Buffer Amp
	1	1	1	ZZ22192070	P.W. Board Assembly
RC01	1	1	1	RA05020130	Res., Semifixed, 4.7kΩ
RC02	1	1	1	RA05020130	Res., Semifixed, 4.7kΩ
RC03	1	1	1	RT05101140	Res., Fixed, 100Ω ±5%, ¼W
RC04	1	1	1	RT05101140	Res., Fixed, 100Ω ±5%, ¼W
RC05	1	1	1	RT05155140	Res., Fixed, 1.5MΩ±5%, ¼W
RC06	1	1	1	RT05155140	Res., Fixed, 1.5MΩ±5%, ¼W
RC07	1	1	1	RT05913140	Res., Fixed, 91kΩ ±5%, ¼W
RC08	1	1	1	RT05913140	Res., Fixed, 91kΩ ±5%, ¼W
RC09	1	1	1	RT05223140	Res., Fixed, 22kΩ ±5%, ¼W
RC10	1	1	1	RT05223140	Res., Fixed, 22kΩ ±5%, ¼W
RC11	1	1	1	RT05431140	Res., Fixed, 430Ω ±5%, ¼W
RC12	1	1	1	RT05431140	Res., Fixed, 430Ω ±5%, ¼W
RC13	1	1	1	RT05101140	Res., Fixed, 100Ω ±5%, ¼W
RC14	1	1	1	RT05101140	Res., Fixed, 100Ω ±5%, ¼W
RC15	1	1	1	RT05272140	Res., Fixed, 2.7kΩ ±5%, ¼W
RC16	1	1	1	RT05272140	Res., Fixed, 2.7kΩ ±5%, ¼W
RC17	1	1	1	RT05562140	Res., Fixed, 5.6kΩ ±5%, ¼W
RC18	1	1	1	RT05562140	Res., Fixed, 5.6kΩ ±5%, ¼W
RC19	1	1	1	RT05561140	Res., Fixed, 560Ω ±5%, ¼W
RC20	1	1	1	RT05561140	Res., Fixed, 560Ω ±5%, ¼W
RC21	1	1	1	RT05224140	Res., Fixed, 220kΩ±5%, ¼W
RC22	1	1	1	RT05224140	Res., Fixed, 220kΩ±5%, ¼W
RC23	1	1	1	RT05224140	Res., Fixed, 220kΩ±5%, ¼W
RC24	1	1	1	RT05224140	Res., Fixed, 220kΩ±5%, ¼W
RC25	1	1	1	RT05101140	Res., Fixed, 100Ω ±5%, ¼W
RC26	1	1	1	RT05152140	Res., Fixed, 1.5kΩ ±5%, ¼W
RC27	1	1	1	RT05102140	Res., Fixed, 1kΩ ±5%, ¼W
RC28	1	1	1	RT05102140	Res., Fixed, 1kΩ ±5%, ¼W
CD01	1	1	1	DF17103010	Cap., Film, 0.01μF, 50V
CD02	1	1	1	DF17103010	Cap., Film, 0.01μF, 50V
CD03	1	1	1	DF17104010	Cap., Film, 0.1μF, 50V
CD04	1	1	1	DF17104010	Cap., Film, 0.1μF, 50V
CD05	1	1	1	DK17203010	Cap., Ceramic, 0.02μF, 50V
JD01	1	1	1	YP06000580	Plug, 5P, Basepost
JD02	1	1	1	YP06000570	Plug, 3P, Basepost
PD01	1	1	1	YK22190610	P.W. Board, Buffer Amp for Scope Input
	1	1	1	ZZ22190610	P.W. Board Assembly
QD01	1	1	1	HF20030100	F.E.T., 2SK30A Y
QD02	1	1	1	HF20030100	F.E.T., 2SK30A Y
RD01	1	1	1	GD05105140	Res., Fixed, 1MΩ ±5%, ¼W
RD02	1	1	1	GD05105140	Res., Fixed, 1MΩ ±5%, ¼W
RD03	1	1	1	GD05152140	Res., Fixed, 1.5kΩ ±5%, ¼W
RD04	1	1	1	GD05152140	Res., Fixed, 1.5kΩ ±5%, ¼W
RD05	1	1	1	GD05105140	Res., Fixed, 1MΩ ±5%, ¼W
RD06	1	1	1	GD05105140	Res., Fixed, 1MΩ ±5%, ¼W

REF. DESIG.	Q'TY U	Q'TY C	Q'TY E	PART NO.	DESCRIPTION
RD07	1	1	1	RM02540390	Res., Variable, 250kΩ(A), Scope Level
RD08	1	1	1	GD05153140	Res., Fixed, 15kΩ ±5%, ¼W
RD09	1	1	1	GD05153140	Res., Fixed, 15kΩ ±5%, ¼W
CE01	1	1	1	EE22503510	Cap., Elect., 2.2μF, 35V
CE02	1	1	1	EE22503510	Cap., Elect., 2.2μF, 35V
CE03	1	1	1	EE22601640	Cap., Elect., 22μF, 16V
CE04	1	1	1	EE22601640	Cap., Elect., 22μF, 16V
CE05	1	1	1	EA10601690	Cap., Elect., 10μF, 16V
CE06	1	1	1	EA10601690	Cap., Elect., 10μF, 16V
CE07	1	1	1	DD15500050	Cap., Ceramic, 50pF, 50V
CE08	1	1	1	DD15500050	Cap., Ceramic, 50pF, 50V
CE09	1	1	1	DD12100010	Cap., Ceramic, 10pF, 50V
CE10	1	1	1	DD12100010	Cap., Ceramic, 10pF, 50V
CE11	1	1	1	EE10505040	Cap., Elect., 1μF, 50V
CE12	1	1	1	EE10505040	Cap., Elect., 1μF, 50V
CE13	1	1	1	EE47502540	Cap., Elect., 4.7μF, 35V
CE14	1	1	1	EE47502540	Cap., Elect., 4.7μF, 35V
CE15	1	1	1	DD15500050	Cap., Ceramic, 50pF, 50V
CE16	1	1	1	DD15500050	Cap., Ceramic, 50pF, 50V
CE17	1	1	1	DD16200010	Cap., Ceramic, 20pF, 50V
CE18	1	1	1	DD16200010	Cap., Ceramic, 20pF, 50V
CE19	1	1	1	DF16123010	Cap., Film, 0.012μF, 50V
CE20	1	1	1	DF16123010	Cap., Film, 0.012μF, 50V
CE21	1	1	1	DF16123010	Cap., Film, 0.012μF, 50V
CE22	1	1	1	DF16123010	Cap., Film, 0.012μF, 50V
CE23	1	1	1	DF17224020	Cap., Film, 0.22μF, 50V
CE24	1	1	1	DF17224020	Cap., Film, 0.22μF, 50V
CE25	1	1	1	DF16682010	Cap., Film, 6800pF, 50V
CE26	1	1	1	DF16682010	Cap., Film, 6800pF, 50V
CE27	1	1	1	DD16501010	Cap., Ceramic, 500pF, 50V
CE28	1	1	1	DD16501010	Cap., Ceramic, 500pF, 50V
CE29	1	1	1	DF16222010	Cap., Film, 2200pF, 50V
CE30	1	1	1	DF16222010	Cap., Film, 2200pF, 50V
CE31	1	1	1	DF16332010	Cap., Film, 3300pF, 50V
CE32	1	1	1	DF16332010	Cap., Film, 3300pF, 50V
CE33	1	1	1	DD15201010	Cap., Ceramic, 200pF, 50V
CE34	1	1	1	DD15201010	Cap., Ceramic, 200pF, 50V
CE35	1	1	1	EA10701690	Cap., Elect., 100μF, 16V
CE36	1	1	1	EA10701690	Cap., Elect., 100μF, 16V
CE37	1	1	1	DD12100010	Cap., Ceramic, 10pF, 50V
CE38	1	1	1	DD12100010	Cap., Ceramic, 10pF, 50V
CE41	1	1	1	DK18103010	Cap., Ceramic, 0.01μF, 50V
CE42	1	1	1	DK18103010	Cap., Ceramic, 0.01μF, 50V
CE43	1	1	1	DF16392010	Cap., Film, 3900pF, 50V
CE44	1	1	1	DF16392010	Cap., Film, 3900pF, 50V
CE45	1	1	1	DF16392010	Cap., Film, 3900pF, 50V
CE46	1	1	1	DF16392010	Cap., Film, 3900pF, 50V
CE47	1	1	1	DD12030010	Cap., Ceramic, 3pF, 50V
CE48	1	1	1	DD12030010	Cap., Ceramic, 3pF, 50V
JE01	1	1	1	YP06001040	Plug, 3P, Basepost
JE02	1	1	1	YP06001040	Plug, 3P, Basepost
JE04	1	1	1	YP06001040	Plug, 3P, Basepost
JE05	1	1	1	YP06000490	Plug, 9P, Amp
JE06	1	1	1	YP06000740	Plug, 3P, Amp
JE07	1	1	1	YP06000740	Plug, 3P, Amp
PE01	1	1	1	YA22180210	P.W. Board, Pre and Tone Amp
	1	1	1	ZZ22192130	P.W. Board Assembly

U: For U.S.A.
C: For Canada
E: For Europe

REF. DESIG.	Q'TY U	Q'TY C	Q'TY E	PART NO.	DESCRIPTION
QE01	1	1	1	HC10022050	I.C., TA7136P
QE02	1	1	1	HC10022050	I.C., TA7136P
QE03	1	1	1	HC10022050	I.C., TA7136P
QE04	1	1	1	HC10022050	I.C., TA7136P
RE03	1	1	1	RN05105140	Res., Fixed, 1MΩ ±5%, ¼W
RE04	1	1	1	RN05105140	Res., Fixed, 1MΩ ±5%, ¼W
RE05	1	1	1	RT05104140	Res., Fixed, 100kΩ±5%, ¼W
RE06	1	1	1	RT05104140	Res., Fixed, 100kΩ±5%, ¼W
RE07	1	1	1	RT05154140	Res., Fixed, 150kΩ±5%, ¼W
RE08	1	1	1	RT05154140	Res., Fixed, 150kΩ±5%, ¼W
RE09	1	1	1	RT05203140	Res., Fixed, 20kΩ ±5%, ¼W
RE10	1	1	1	RT05203140	Res., Fixed, 20kΩ ±5%, ¼W
RE11	1	1	1	RT05105140	Res., Fixed, 1MΩ ±5%, ¼W
RE12	1	1	1	RT05105140	Res., Fixed, 1MΩ ±5%, ¼W
RE13	1	1	1	RT05103140	Res., Fixed, 10kΩ ±5%, ¼W
RE14	1	1	1	RT05103140	Res., Fixed, 10kΩ ±5%, ¼W
RE15	1	1	1	RT05105140	Res., Fixed, 1MΩ ±5%, ¼W
RE16	1	1	1	RT05105140	Res., Fixed, 1MΩ ±5%, ¼W
RE17	1	1	1	RN05104140	Res., Fixed, 100kΩ±5%, ¼W
RE18	1	1	1	RN05104140	Res., Fixed, 100kΩ±5%, ¼W
RE19	1	1	1	RT05224140	Res., Fixed, 220kΩ±5%, ¼W
RE20	1	1	1	RT05224140	Res., Fixed, 220kΩ±5%, ¼W
RE21	1	1	1	RT05113140	Res., Fixed, 11kΩ ±5%, ¼W
RE22	1	1	1	RT05113140	Res., Fixed, 11kΩ ±5%, ¼W
RE23	1	1	1	RT05113140	Res., Fixed, 11kΩ ±5%, ¼W
RE24	1	1	1	RT05113140	Res., Fixed, 11kΩ ±5%, ¼W
RE25	1	1	1	RT05183140	Res., Fixed, 18kΩ ±5%, ¼W
RE26	1	1	1	RT05183140	Res., Fixed, 18kΩ ±5%, ¼W
RE27	1	1	1	RT05183140	Res., Fixed, 18kΩ ±5%, ¼W
RE28	1	1	1	RT05183140	Res., Fixed, 18kΩ ±5%, ¼W
RE29	1	1	1	RT05273140	Res., Fixed, 27kΩ ±5%, ¼W
RE30	1	1	1	RT05273140	Res., Fixed, 27kΩ ±5%, ¼W
RE31	1	1	1	RT05562140	Res., Fixed, 5.6kΩ ±5%, ¼W
RE32	1	1	1	RT05562140	Res., Fixed, 5.6kΩ ±5%, ¼W
RE33	1	1	1	RT05183140	Res., Fixed, 18kΩ ±5%, ¼W
RE34	1	1	1	RT05183140	Res., Fixed, 18kΩ ±5%, ¼W
RE35	1	1	1	RT05183140	Res., Fixed, 18kΩ ±5%, ¼W
RE36	1	1	1	RT05183140	Res., Fixed, 18kΩ ±5%, ¼W
RE39	1	1	1	RD01040070	Res., Variable, 100kΩ(B), Bass
RE40	1	1	1	RD01040070	Res., Variable, 100kΩ(B), Mid
RE41	1	1	1	RD01040070	Res., Variable, 100kΩ(B), Treble
RE42	1	1	1	RG02030010	Res., Variable, 20kΩ(B)/ 250kΩ(V), Volume
RE43	1	1	1	RT05562140	Res., Fixed, 5.6kΩ ±5%, ¼W
RE44	1	1	1	RT05562140	Res., Fixed, 5.6kΩ ±5%, ¼W
RE45	1	1	1	RT05562140	Res., Fixed, 5.6kΩ ±5%, ¼W
RE46	1	1	1	RT05562140	Res., Fixed, 5.6kΩ ±5%, ¼W
RE47	1	1	1	GU05122120	Res., Fixed, 1.2kΩ ±5%, ½W
RE48	1	1	1	GU05122120	Res., Fixed, 1.2kΩ ±5%, ½W
SE01	1	1	1	SR04050130	Rotary Switch, Tone Mode
JK01	1	1		YP10001130	Plug
JK02	1	1		YP10001130	Plug
JK03	1	1		YP10001130	Plug
JK04	1	1		YP10001130	Plug
JK05	1	1		YP10001130	Plug
JK06	1	1		YP10001130	Plug
JK07	1	1		YP10001130	Plug
JK08	1	1		YP10001130	Plug
JK09	1	1		YJ07000120	Jack, 10P

REF. DESIG.	Q'TY U	Q'TY C	Q'TY E	PART NO.	DESCRIPTION
PK01	1	1		YA22180310	P.W. Board, Dolby Socket
	1	1		ZZ22180310	P.W. Board Assembly
SK01	1	1		SC01020240	Micro Switch
SK02	1	1		SC01020240	Micro Switch
JM01	2	2	2	YP06001340	Plug, 4P
JM02	2	2	2	YP06001340	Plug, 4P
JM03	2	2	2	YP06001330	Plug, 8P
JM04	2	2	2	YJ06001380	Jack, 3P
JM05	2	2	2	YJ06001380	Jack, 3P
JM06	2	2	2	YJ06001380	Jack, 3P
PM01	2	2	2	YF22190010	P.W. Board, Power Transistor Assembly
QM01	2	2	2	HV00007080	Varistor, STV-4H
QM02	2	2	2	HT315682B0	Transistor, 2SC1568 R or S
QM03	2	2	2	HT406103A0	Transistor, 2SD610 S, R or Q
QM04	2	2	2	HT206303A0	Transistor, 2SB630 S, R or Q
QM05	2	2	2	HT405553A0	Transistor, 2SD555 S, Q or R
QM06	2	2	2	HT405553A0	Transistor, 2SD555 S, Q or R
QM07	2	2	2	HT405553A0	Transistor, 2SD555 S, Q or R
QM08	2	2	2	HT206003A0	Transistor, 2SB600 S, Q or R
QM09	2	2	2	HT206003A0	Transistor, 2SB600 S, Q or R
QM10	2	2	2	HT206003A0	Transistor, 2SB600 S, Q or R
QM11	2	2	2	HT405553A0	Transistor, 2SD555 S, Q or R
QM12	2	2	2	HT206003A0	Transistor, 2SB600 S, Q or R
CN01	1	1	1	EA22700690	Cap., Elect., 220μF, 6.3V
JN01	1	1	1	YP10001130	Plug
JN02	1	1	1	YP10001130	Plug
JN05	1	1	1	YP10001200	Plug
JN06	1	1	1	YP10001200	Plug
JN07	1	1	1	YP10001200	Plug
LN01	1	1	1	LY20480020	Relay, MSJ2, 48V
PN01	1	1	1	YA22180510	P.W. Board, Audio Muting
	1	1	1	ZZ22191080	P.W. Board Assembly
QN01	1	1	1	HT406673A0	Transistor, 2SD667A B, C or D
QN02	1	1	1	HD20005010	Diode, W06B
RN01	1	1	1	RT05474140	Res., Fixed, 470kΩ±5%, ¼W
RN02	1	1	1	RT05101140	Res., Fixed, 100Ω ±5%, ¼W
RN03	1	1	1	RT05223140	Res., Fixed, 22kΩ ±5%, ¼W
RN04	1	1	1	RT05223140	Res., Fixed, 22kΩ ±5%, ¼W
RN05	1	1	1	GJ05182010	Res., Fixed, 1.8kΩ ±5%, 1W
RN06	1	1	1	RT05473140	Res., Fixed, 47kΩ ±5%, ¼W
PR01	1	1	1	YF22190020	P.W. Board, Wiring for Tape Copy & Monitor
CS01	1	1	1	DF17473050	Cap., Film, 0.047μF, 50V
CS02	1	1	1	EA10601690	Cap., Elect., 10μF, 16V
CS03	1	1	1	EV33403560	Cap., Elect., 0.33μF, 35V
CS04	1	1	1	EV22403560	Cap., Elect., 0.22μF, 35V
CS05	1	1	1	DF16333050	Cap., Film, 0.033μF, 50V
JS01	1	1	1	YP06001350	Plug, 10P
JS02	1	1	1	YP06001290	Plug, 8P
JS03	1	1	1	YP06001050	Plug, 5P
JS04	1	1	1	YP06001050	Plug, 5P, Basepost
JS05	1	1	1	YP06001040	Plug, 3P, Basepost
JS06	1	1	1	YP06000570	Plug, 3P, Basepost
JS07	1	1	1	YP06000580	Plug, 5P, Basepost
KS01	1	1	1	YK22191400	P.W. Board, Scope & Tape Moni. Switches & Dubbing Jacks

U : For U.S.A.
C : For Canada
E : For Europe

REF. DESIG.	Q'TY			PART NO.	DESCRIPTION
	U	C	E		
PS01	1	1	1	YK22191410	P.W. Board, Tape Copy, Tape Moni., & Scope Display Switches
	1	1	1	ZZ22191210	P.W. Board Assembly
RS01	1	1	1	RT05103140	Res., Fixed, 10kΩ ±5%, ¼W
RS02	1	1	1	RT05100140	Res., Fixed, 10Ω ±5%, ¼W
RS03	1	1	1	RT05221140	Res., Fixed, 220Ω ±5%, ¼W
RS04	1	1	1	RT05224140	Res., Fixed, 200kΩ±5%, ¼W
RS05	1	1	1	RT05473140	Res., Fixed, 47kΩ ±5%, ¼W
RS06	1	1	1	RT05473140	Res., Fixed, 47kΩ ±5%, ¼W
RS07	1	1	1	RT05224140	Res., Fixed, 220kΩ±5%, ¼W
RS08	1	1	1	RT05304140	Res., Fixed, 300kΩ±5%, ¼W
RS09	1	1	1	RT05304140	Res., Fixed, 300kΩ±5%, ¼W
SS01	1	1	1	SP04080020	Pushswitch, Tape Copy, Tape Moni., & Scope Display
CT01	1	1	1	DF15104010	Cap., Film, 0.1μF, 50V
CT02	1	1	1	DF15104010	Cap., Film, 0.1μF, 50V
CT03	1	1	1	DF15104010	Cap., Film, 0.1μF, 50V
CT04	1	1	1	DF15104010	Cap., Film, 0.1μF, 50V
CT05	1	1	1	DF15104010	Cap., Film, 0.1μF, 50V
CT06	1	1	1	DF15104010	Cap., Film, 0.1μF, 50V
CT07	1	1	1	DF15152010	Cap., Film, 0.0015μF, 50V
CT08	1	1	1	DF15152010	Cap., Film, 0.0015μF, 50V
CT09	1	1	1	DF15222010	Cap., Film, 0.0022μF, 50V
CT10	1	1	1	DF15222010	Cap., Film, 0.0022μF, 50V
CT11	1	1	1	DF17224010	Cap., Film, 0.22μF, 50V
CT12	1	1	1	DF17224010	Cap., Film, 0.22μF, 50V
CT13	1	1	1	DD15391010	Cap., Ceramic, 390pF, 50V
CT14	1	1	1	DD15391010	Cap., Ceramic, 390pF, 50V
CT15	1	1	1	DD11050010	Cap., Ceramic, 5pF, 50V
CT16	1	1	1	DD11050010	Cap., Ceramic, 5pF, 50V
CT17	1	1	1	DD16151010	Cap., Ceramic, 150pF, 50V
CT18	1	1	1	DD16151010	Cap., Ceramic, 150pF, 50V
CT19	1	1	1	DF16333010	Cap., Film, 0.033μF, 50V
CT20	1	1	1	DF16333010	Cap., Film, 0.033μF, 50V
CT21	1	1	1	EE10602540	Cap., Elect., 10μF, 25V
CT22	1	1	1	EE10602540	Cap., Elect., 10μF, 25V
CT23	1	1	1	EA10701690	Cap., Elect., 100μF, 16V
CT24	1	1	1	EA10701690	Cap., Elect., 100μF, 16V
CT25	1	1	1	DF16153010	Cap., Film, 0.015μF, 50V
JT01	1	1	1	YP06000340	Plug, 3P, Amp
JT02	1	1	1	YP06000340	Plug, 3P, Amp
JT03	1	1	1	YP06000700	Plug, 9P, Amp
JT04	1	1	1	YP06000580	Plug, 5P, Basepost
JT05	1	1	1	YP06001050	Plug, 5P, Basepost
PT01	1	1	1	YK22190220	P.W. Board, Filter Amp
	1	1	1	ZZ22192020	P.W. Board Assembly
QT01	1	1	1	HT316812A0	Transistor, 2SC1681 GR or BL
QT02	1	1	1	HT316812A0	Transistor, 2SC1681 GR or BL
QT03	1	1	1	HT316812A0	Transistor, 2SC1681 GR or BL
QT04	1	1	1	HT316812A0	Transistor, 2SC1681 GR or BL
QT05	1	1	1	HT108412A0	Transistor, 2SA841 GR or BL
QT06	1	1	1	HT108412A0	Transistor, 2SA841 GR or BL
RT01	1	1	1	GD05114140	Res., Fixed, 110kΩ±5%, ¼W
RT02	1	1	1	GD05114140	Res., Fixed, 110kΩ±5%, ¼W
RT03	1	1	1	GD05244140	Res., Fixed, 240kΩ±5%, ¼W
RT04	1	1	1	GD05244140	Res., Fixed, 240kΩ±5%, ¼W
RT05	1	1	1	GD05113140	Res., Fixed, 11kΩ ±5%, ¼W

REF. DESIG.	Q'TY			PART NO.	DESCRIPTION
	U	C	E		
RT06	1	1	1	GD05113140	Res., Fixed, 11kΩ ±5%, ¼W
RT07	1	1	1	GD05225140	Res., Fixed, 2.2MΩ±5%, ¼W
RT08	1	1	1	GD05225140	Res., Fixed, 2.2MΩ±5%, ¼W
RT09	1	1	1	GD05113140	Res., Fixed, 11kΩ ±5%, ¼W
RT10	1	1	1	GD05113140	Res., Fixed, 11kΩ ±5%, ¼W
RT11	1	1	1	GD05113140	Res., Fixed, 11kΩ ±5%, ¼W
RT12	1	1	1	GD05113140	Res., Fixed, 11kΩ ±5%, ¼W
RT13	1	1	1	GD05513140	Res., Fixed, 51kΩ ±5%, ¼W
RT14	1	1	1	GD05513140	Res., Fixed, 51kΩ ±5%, ¼W
RT15	1	1	1	GD05225140	Res., Fixed, 2.2MΩ±5%, ¼W
RT16	1	1	1	GD05225140	Res., Fixed, 2.2MΩ±5%, ¼W
RT17	1	1	1	GD05225140	Res., Fixed, 2.2MΩ±5%, ¼W
RT18	1	1	1	GD05222140	Res., Fixed, 2.2kΩ ±5%, ¼W
RT19	1	1	1	GD05113140	Res., Fixed, 11kΩ ±5%, ¼W
RT20	1	1	1	GD05113140	Res., Fixed, 11kΩ ±5%, ¼W
RT21	1	1	1	GD05562140	Res., Fixed, 5.6kΩ ±5%, ¼W
RT22	1	1	1	GD05562140	Res., Fixed, 5.6kΩ ±5%, ¼W
RT23	1	1	1	GD05103140	Res., Fixed, 10kΩ ±5%, ¼W
RT24	1	1	1	GD05103140	Res., Fixed, 10kΩ ±5%, ¼W
RT25	1	1	1	GD05274140	Res., Fixed, 270kΩ±5%, ¼W
RT26	1	1	1	GD05274140	Res., Fixed, 270kΩ±5%, ¼W
RT27	1	1	1	GD05301140	Res., Fixed, 300Ω ±5%, ¼W
RT28	1	1	1	GD05301140	Res., Fixed, 300Ω ±5%, ¼W
RT29	1	1	1	GD05104140	Res., Fixed, 100kΩ±5%, ¼W
RT30	1	1	1	GD05104140	Res., Fixed, 100kΩ±5%, ¼W
RT31	1	1	1	GD05153140	Res., Fixed, 15kΩ ±5%, ¼W
RT32	1	1	1	GD05153140	Res., Fixed, 15kΩ ±5%, ¼W
RT33	1	1	1	GD05102140	Res., Fixed, 1kΩ ±5%, ¼W
RT34	1	1	1	GD05102140	Res., Fixed, 1kΩ ±5%, ¼W
RT35	1	1	1	GD05334140	Res., Fixed, 330kΩ±5%, ¼W
RT36	1	1	1	GD05334140	Res., Fixed, 330kΩ±5%, ¼W
RT37	1	1	1	GD05225140	Res., Fixed, 2.2MΩ±5%, ¼W
RT38	1	1	1	GD05225140	Res., Fixed, 2.2MΩ±5%, ¼W
RT39	1	1	1	GD05124140	Res., Fixed, 120kΩ±5%, ¼W
RT40	1	1	1	GD05124140	Res., Fixed, 120kΩ±5%, ¼W
ST01	1	1	1	SP02050030	Pushswitch
JU01	1	1	1	YJ01001040	Jack, Dubbing In
JU02	1	1	1	YJ01001050	Jack, Dubbing Out
JU03	1	1	1	YJ06001350	Jack, 10P
JU04	1	1	1	YJ06001370	Jack, 4P
JU05	1	1	1	YJ06001370	Jack, 4P
JU06	1	1	1	YP06000570	Plug, 3P, Basepost
JU07	1	1	1	YP06000570	Plug, 3P, Basepost
PU01	1	1	1	YK22191420	P.W. Board, Dubbing Jacks
	1	1	1	ZZ22191220	P.W. Board Assembly
JW01	1	1	1	YP10001200	Plug
JW02	1	1	1	YP10001200	Plug
JW03	1	1	1	YP10001200	Plug
JW04	1	1	1	YP10001200	Plug
JW05	1	1	1	YP10001200	Plug
PW01	1	1	1	YD22180050	P.W. Board, Speaker Switches
	1	1	1	ZZ22180050	P.W. Board Assembly
RW01	1	1	1	GS10331070	Res., Fixed, 330Ω ±10%, 7W
RW02	1	1	1	GS10331070	Res., Fixed, 330Ω ±10%, 7W
RW03	1	1	1	GJ05151020	Res., Fixed, 150Ω ±5%, 2W
RW04	1	1	1	GJ05151020	Res., Fixed, 150Ω ±5%, 2W

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REF. DESIG.	Q'TY			PART NO.	DESCRIPTION
	U	C	E		
SW01	1	1	1	SP04020180	Pushswitch, Speakers
WW01	1	1	1	YB00630010	Connective Cord
WW02	1	1	1	YB00630020	Connective Cord
CX01	1	1	1	EA47505090	Cap., Elect., 4.7μF, 50V
CX02	1	1	1	EA47505090	Cap., Elect., 4.7μF, 50V
CX03	1	1	1	EA10700690	Cap., Elect., 100μF, 6.3V
CX04	1	1	1	EA10701090	Cap., Elect., 100μF, 10V
CX05	1	1	1	EA10610010	Cap., Elect., 10μF, 100V
CX06	1	1	1	EA22601090	Cap., Elect., 22μF, 10V
JX01	1	1	1	YJ06001300	Jack, 6P
JX02	1	1	1	YJ06001300	Jack, 6P
JX03	1	1	1	YP06000570	Plug, 3P
JX04	1	1	1	YP06000570	Plug, 3P
JX05	1	1	1	YP06000600	Plug, 5P
PX01	1	1	1	YK22190210	P.W. Board, Peak Ind. & Soft Start
	1	1	1	ZZ22190210	P.W. Board Assembly
QX01	1	1	1	HT315733A0	Transistor, 2SC1573 P, Q or R
QX02	1	1	1	HT315733A0	Transistor, 2SC1573 P, Q or R
QX03	1	1	1	HT109412A0	Transistor, 2SA941 GR or BL
QX04	1	1	1	HT109412A0	Transistor, 2SA941 GR or BL
QX05	1	1	1	HT109412A0	Transistor, 2SA941 GR or BL
QX06	1	1	1	HT109412A0	Transistor, 2SA941 GR or BL
QX07	1	1	1	HT309452A0	Transistor, 2SC945 Q or R
QX08	1	1	1	HT309452A0	Transistor, 2SC945 Q or R
QX09	1	1	1	HT309452A0	Transistor, 2SC945 Q or R
QX10	1	1	1	HT309452A0	Transistor, 2SC945 Q or R
QX11	1	1	1	HD20011010	Diode, W06C, 200V 0.75A
QX12	1	1	1	HD20011010	Diode, W06C, 200V 0.75A
QX13	1	1	1	HD20001210	Diode, 1S2473, 35V
QX14	1	1	1	HD20001210	Diode, 1S2473, 35V
QX15	1	1	1	HD20001210	Diode, 1S2473, 35V
QX16	1	1	1	HD20001210	Diode, 1S2473, 35V
QX17	1	1	1	HD30023090	Zener, WZ-071, 7.1V
QX18	1	1	1	HD30023090	Zener, WZ-071, 7.1V
QX19	1	1	1	HT107332A0	Transistor, 2SA733 R or Q
QX20	1	1	1	HT107332A0	Transistor, 2SA733 R or Q
QX21	1	1	1	HT206472B0	Transistor, 2SB647A C or D
QX22	1	1	1	HT107332A0	Transistor, 2SA733 R or Q
QX23	1	1	1	HV00003120	Varistor, MV13
QX24	1	1	1	HV00003120	Varistor, MV13
QX25	1	1	1	HD20001210	Diode, 1S2473
QX26	1	1	1	HD20001210	Diode, 1S2473
QX27	1	1	1	HD20005010	Diode, W06B
QX28	1	1	1	HD30023090	Zener, WZ-071
RX01	1	1	1	RT05103140	Res., Fixed, 10kΩ ±5%, ¼W
RX02	1	1	1	RT05103140	Res., Fixed, 10kΩ ±5%, ¼W
RX03	1	1	1	RT05303140	Res., Fixed, 30kΩ ±5%, ¼W
RX04	1	1	1	RT05303140	Res., Fixed, 30kΩ ±5%, ¼W
RX05	1	1	1	RT05393140	Res., Fixed, 39kΩ ±5%, ¼W
RX06	1	1	1	RT05393140	Res., Fixed, 39kΩ ±5%, ¼W
RX07	1	1	1	RT05103140	Res., Fixed, 10kΩ ±5%, ¼W
RX08	1	1	1	RT05103140	Res., Fixed, 10kΩ ±5%, ¼W
RX09	1	1	1	RT05222140	Res., Fixed, 2.2kΩ ±5%, ¼W
RX10	1	1	1	RT05222140	Res., Fixed, 2.2kΩ ±5%, ¼W
RX11	1	1	1	RT05243140	Res., Fixed, 24kΩ ±5%, ¼W
RX12	1	1	1	RT05243140	Res., Fixed, 24kΩ ±5%, ¼W
RX13	1	1	1	RT05473140	Res., Fixed, 47kΩ ±5%, ¼W

REF. DESIG.	Q'TY			PART NO.	DESCRIPTION
	U	C	E		
RX14	1	1	1	RT05473140	Res., Fixed, 47kΩ ±5%, ¼W
RX15	1	1	1	RT05473140	Res., Fixed, 47kΩ ±5%, ¼W
RX16	1	1	1	RT05473140	Res., Fixed, 47kΩ ±5%, ¼W
RX17	1	1	1	RT05753140	Res., Fixed, 75kΩ ±5%, ¼W
RX18	1	1	1	RT05753140	Res., Fixed, 75kΩ ±5%, ¼W
RX19	1	1	1	RT05753140	Res., Fixed, 75kΩ ±5%, ¼W
RX20	1	1	1	RT05753140	Res., Fixed, 75kΩ ±5%, ¼W
RX21	1	1	1	RT05223140	Res., Fixed, 22kΩ ±5%, ¼W
RX22	1	1	1	RT05223140	Res., Fixed, 22kΩ ±5%, ¼W
RX23	1	1	1	RT05511140	Res., Fixed, 510Ω ±5%, ¼W
RX24	1	1	1	RT05511140	Res., Fixed, 510Ω ±5%, ¼W
RX25	1	1	1	RT05753140	Res., Fixed, 75kΩ ±5%, ¼W
RX26	1	1	1	RT05753140	Res., Fixed, 75kΩ ±5%, ¼W
RX27	1	1	1	RT05512140	Res., Fixed, 5.1kΩ ±5%, ¼W
RX28	1	1	1	RT05512140	Res., Fixed, 5.1kΩ ±5%, ¼W
RX29	1	1	1	RT05822140	Res., Fixed, 8.2kΩ ±5%, ¼W
RX30	1	1	1	RT05822140	Res., Fixed, 8.2kΩ ±5%, ¼W
RX31	1	1	1	RT05104140	Res., Fixed, 100kΩ±5%, ¼W
RX32	1	1	1	RT05104140	Res., Fixed, 100kΩ±5%, ¼W
RX33	1	1	1	GJ05392020	Res., Fixed, 3.9kΩ ±5%, 2W
RX34	1	1	1	GJ05392020	Res., Fixed, 3.9kΩ ±5%, 2W
RX35	1	1	1	RT05332140	Res., Fixed, 3.3kΩ ±5%, ¼W
RX36	1	1	1	RT05753140	Res., Fixed, 75kΩ ±5%, ¼W
RX37	1	1	1	RT05822140	Res., Fixed, 8.2kΩ ±5%, ¼W
RX38	1	1	1	RT05104140	Res., Fixed, 1MΩ ±5%, ¼W
RX39	1	1	1	GJ05472020	Res., Fixed, 4.7kΩ ±5%, 2W
RX40	1	1	1	RT05472140	Res., Fixed, 4.7kΩ ±5%, ¼W
RX41	1	1	1	RT05154140	Res., Fixed, 150kΩ±5%, ¼W
RX42	1	1	1	RT05562140	Res., Fixed, 5.6kΩ ±5%, ¼W
RX43	1	1	1	GJ05152020	Res., Fixed, 1.5kΩ ±5%, 2W
RX44	1	1	1	RT05273140	Res., Fixed, 27kΩ ±5%, ¼W
RX45	1	1	1	RT05274140	Res., Fixed, 270kΩ±5%, ¼W
CY01	1	1	1	EA47601690	Cap., Elect., 47μF, 16V
JY01	1	1	1	YP10001200	Plug
JY03	1	1	1	YP10001200	Plug
JY04	1	1	1	YP10001200	Plug
JY05	1	1	1	YP10001200	Plug
JY08	1	1	1	YP10001200	Plug
JY09	1	1	1	YP10001200	Plug
JY10	1	1	1	YP10001200	Plug
JY13	1	1	1	YP10001200	Plug
JY14	1	1	1	YP10001200	Plug
JY15	1	1	1	YP10001200	Plug
JY16	1	1	1	YP10001200	Plug
JY17	1	1	1	YP10001200	Plug
JY18	1	1	1	YP10001200	Plug
JY19	1	1	1	YP10001200	Plug
JY20	1	1	1	YP10001200	Plug
JY23	1	1	1	YP10001200	Plug
JY24	1	1	1	YP10001200	Plug
PY01	1	1	1	YD22180030	P.W. Board, Function Indicator
	1	1		ZZ22191030	P.W. Board Assembly
			1	ZZ22198030	P.W. Board Assembly
QY01	1	1	1	HI10004030	L.E.D., Peak Ind. (R)
QY02	1	1	1	HI10004030	L.E.D., Peak Ind. (L)
QY03			1	HI10004030	L.E.D., Tape
QY04	1	1	1	HI10004030	L.E.D., Tape

U : For U.S.A.
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REF. DESIG.	Q'TY			PART NO.	DESCRIPTION
	U	C	E		
QY05	1	1	1	HI10004030	L.E.D., Aux 1
QY06	1	1	1	HI10004030	L.E.D., Phono 2
QY07	1	1	1	HI10004030	L.E.D., Phono 1
QY08	1	1	1	HI10004030	L.E.D., FM
QY09	1	1	1	HI10004030	L.E.D., AM
QY10	1	1		HD20001210	Diode, 1S2473
QY10			1	HD20005010	Diode, W06B
RY01	1	1	1	RT05751140	Res., Fixed, 750Ω ±5%, ¼W
RY02	1	1	1	RT05751140	Res., Fixed, 750Ω ±5%, ¼W
JZ01	1	1	1	YP10001130	Plug
JZ02	1	1	1	YP10001130	Plug
JZ03	1	1	1	YP10001130	Plug
JZ04	1	1	1	YP10001130	Plug
JZ05	1	1	1	YJ08000170	Jack
JZ06	1	1	1	YJ08000170	Jack
JZ07	1	1	1	YJ08000170	Jack
JZ08	1	1	1	YJ08000170	Jack
JZ09	1	1	1	YJ08000170	Jack
JZ10	1	1	1	YJ08000170	Jack
JZ11	1	1	1	YJ08000170	Jack
JZ12	1	1	1	YJ08000170	Jack
JZ13	1	1	1	YJ08000170	Jack
JZ14	1	1	1	YJ08000170	Jack
JZ15	1	1	1	YJ08000170	Jack
JZ16	1	1	1	YJ08000170	Jack
JZ17	1	1	1	YJ08000170	Jack
JZ18	1	1	1	YP10001130	Plug
JZ19	1	1	1	YP10001130	Plug
JZ20	1	1	1	YP10001130	Plug
JZ21	1	1	1	YP10001130	Plug
PZ01	1	1	1	YD22180040	P.W. Board, Dial Lamp
	1	1	1	ZZ22191040	P.W. Board Assembly
VZ01	1	1	1	IN10080070	Lamp, 8V 0.2A
VZ02	1	1	1	IN10080070	Lamp, 8V 0.2A
VZ03	1	1	1	IN10080070	Lamp, 8V 0.2A
VZ04	1	1	1	IN10080070	Lamp, 8V 0.2A
VZ05	1	1	1	IN10080070	Lamp, 8V 0.2A
VZ06	1	1	1	IN10080070	Lamp, 8V 0.2A
C001	1	1	1	DK17103010	Cap., Ceramic, 0.01µF, 50V
C002	1	1	1	DK17103010	Cap., Ceramic, 0.01µF, 50V
C003	1	1	1	ES72810010	Cap., Elect., 7200µF, 100V
C004	1	1	1	ES72810010	Cap., Elect., 7200µF, 100V
C005			1	DO07473540	Cap., Oil-paper, 0.047µF, 450V
C006	1	1	1	DF17223520	Cap., Film, 0.022µF, 400V
C007	1	1	1	DF17223520	Cap., Film, 0.022µF, 400V
F001	2	2	2	FR30800010	Circuit Breaker
F002	2	2	2	FR30800010	Circuit Breaker
F003	2	2	2	FR30600010	Circuit Breaker
F004	2	2	2	FR30600010	Circuit Breaker
F005			1	FS10800810	Fuse
F005		1		FS11500010	Fuse
F005	1			FS11500020	Fuse
F006		1		FS21500970	Fuse
G001	1			BF10400030	Cap. Comp., Spark Killer
G001		1		BF33300020	Cap. Comp., Spark Killer
J001	1	1	1	BY04050010	Terminal
J002	1	1	1	YT02010130	Terminal, FM Quad. Output
J003	1	1	1	YT02040190	Terminal, Phono

REF. DESIG.	Q'TY			PART NO.	DESCRIPTION
	U	C	E		
J004	1	1	1	YT02040140	Terminal, Tape Moni. 1 In & Out
J005	1	1	1	YT02040140	Terminal, Tape Moni. 2 In & Out
J006	1	1	1	YT02040170	Terminal, Pre Out & Main In
J007	1	1	1	YT03040160	Terminal, Spk. System 1
J008	1	1	1	YT03040160	Terminal, Spk. System 2
J009	1	1	1	YJ01001060	Jack, Phones
J010	1	1	1	YT01010050	Terminal, Chassis Ground
J011	1	1	1	YJ05000182	Jack, C.R.T. Socket
J012	1	1	1	YJ06001390	Jack, Main In (L)
J013	1	1	1	YJ06001400	Jack, Main In (R)
J014	1	1	1	YJ06001050	Jack, 5P
J015	1	1	1	YJ06001050	Jack, 5P
J016	1	1	1	YJ06001360	Jack, 5P
J017	1	1	1	YJ06000320	Jack, 5P
J018	1	1	1	YJ06001050	Jack, 5P
J019	1	1	1	YJ06001250	Jack, 5P
J020	1	1	1	YJ06001050	Jack, 5P
J021	1	1	1	YJ06001050	Jack, 5P
J022	1	1	1	YJ06001050	Jack, 5P
J023	1	1	1	YJ06001050	Jack, 5P
J024	1	1	1	YJ06001050	Jack, 5P
J025	1	1	1	YJ06001240	Jack, 3P
J026	1	1	1	YJ06001240	Jack, 3P
J027	1	1	1	YJ06001240	Jack, 3P
J028	1	1	1	YJ06001040	Jack, 3P
J029	1	1	1	YJ06001040	Jack, 3P
J030	1	1	1	YJ06001040	Jack, 3P
J031	1	1	1	YJ06001040	Jack, 3P
J032	1	1	1	YJ06001040	Jack, 3P
J033	1	1	1	YJ06001240	Jack, 3P
J034	1	1	1	YL01030010	Terminal, 3P
J035			1	YJ04000560	Jack, AC Outlet
J035	1	1		YJ04000590	Jack, 3P
J036			1	YJ04000560	Jack, AC Outlet
J036	1	1		YJ04000590	Jack, 3P
J037	1	1		YT02020140	Terminal, 2P, Aux
J037			1	YT02040140	Terminal, 4P, Aux 1 & 2
J038	1	1		YJ06001410	Jack, 11P, Relay Socket
J038			1	YJ06001420	Jack, 11P, Relay Socket
J039			1	YJ08000220	Jack, Fuse Holder
J039	1	1		YJ08000240	Jack, Fuse Holder
J040			1	BY03110010	Plug, Voltage Selector
J041	1	1	1	YJ06001040	Jack, 3P
J042	1	1	1	YJ06001050	Jack, 5P
L001	1	1	1	LF11200520	Coil, AM Antenna
L002	1	1	1	LC11540020	Choke Coil, AM
L003	1	1	1	LB30075260	Balun Coil
L004	1	1	1	LY30480010	Relay, Soft Start
L005	1	1		TS44502010	Power Transformer
L005			1	TS44502020	Power Transformer
M001	1		1	MI01150010	AC Motor
M001		1		MI01150020	AC Motor
Q001	1	1	1	HE20001290	Diode, S5VB40
Q002	1	1	1	HE20001290	Diode, S5VB40
R001	1	1	1	RK02030160	Res., Variable, 20kΩ(B), Muting Level
R002	1	1	1	RA05030180	Res., Semifixed, 50kΩ(B), Bright

U: For U.S.A.
C: For Canada
E: For Europe

REF. DESIG.	Q'TY U	Q'TY C	Q'TY E	PART NO.	DESCRIPTION
R003	1	1	1	RK02040060	Res., Variable, 200kΩ(B), Focus
R004	1	1	1	RB01030240	Res., Variable, 10kΩ(B), Vertical
R005	1	1	1	RB01030240	Res., Variable, 10kΩ(B), Horizontal
R006	1	1	1	RT05100140	Res., Fixed, 10Ω±5%, ¼W
R007	1	1	1	RS02030110	Res., Variable, 20kΩ(MN), Balance
R008	1	1	1	RT05472140	Res., Fixed, 4.7kΩ ±5%, ¼W
R009	1	1	1	GS05472020	Res., Fixed, 4.7kΩ ±5%, 2.5W
R010	1	1	1	GS05472020	Res., Fixed, 4.7kΩ ±5%, 2.5W
R012	1	1	1	GQ10821100	Res., Fixed, 820Ω ±5%, 10W
R013	1	1		GQ10100100	Res., Fixed, 10Ω ±10%, 10W
R013			1	GS10220200	Res., Fixed, 22Ω ±10%, 20W
S001	1	1		SP04010230	Pushswitch, Power
S001			1	SP04010250	Pushswitch, Power
V001	1	1	1	VB00235012	Cathod Ray Tube
V002	2	2	2	IN10080410	Lamp, 8V 50mA
V003	1	1	1	IN10080340	Lamp, 8V 60mA, Stereo
V004	1	1	1	IN10080340	Lamp, 8V 60mA
V005	1	1		IN10080340	Lamp, Dolby
W001			1	YC01900030	AC Power Cord
W001	1	1		YC02400270	AC Power Cord
W010	1	1	1	YB00600060	Connective Cord
W011	1	1	1	YB00600070	Connective Cord
W012	1	1	1	YB00600080	Connective Cord
W013	1	1	1	YB00600090	Connective Cord
W014	1	1	1	YB00450010	Connective Cord
W015	1	1	1	YB00160030	Connective Cord
W016	1	1	1	YB00660010	Connective Cord
W017	1	1	1	YB00510010	Connective Cord
W018	1	1	1	YB00160020	Connective Cord
W019	1	1	1	YB00140020	Connective Cord
C101	1	1	1	DD16150010	Cap., Ceramic, 15pF ±10%
C102	1	1	1	DD16101010	Cap., Ceramic, 47pF ±5%
C103	1	1	1	DD16101010	Cap., Ceramic, 100pF ±10%
C104	1	1	1	DK18203030	Cap., Ceramic, 0.02μF+80%, -20%
C105	1	1	1	DK18203030	Cap., Ceramic, 0.02μF+80%, -20%
C106	1	1	1	DK18203030	Cap., Ceramic, 0.02μF+80%, -20%
C107	1	1	1	DD16180020	Cap., Ceramic, 18pF ±10%
C108	1	1	1	DD16180020	Cap., Ceramic, 18pF ±10%
C109	1	1	1	DK18203030	Cap., Ceramic, 0.02μF±80%, -20%
C110	1	1	1	DK18203030	Cap., Ceramic, 0.02μF+80%, -20%
C111	1	1	1	DD16101010	Cap., Ceramic, 100pF ±10%
C112	1	1	1	DK18203030	Cap., Ceramic, 0.02μF+80%, -20%
C113	1	1	1	DK18203030	Cap., Ceramic, 0.02μF+80%, -20%
C114	1	1	1	DD12100010	Cap., Ceramic, 10pF ±10%
C115	1	1	1	DD16180020	Cap., Ceramic, 18pF ±10%
C116	1	1	1	DK18203030	Cap., Ceramic, 0.02μF+80%, -20%
C117	1	1	1	DD11080010	Cap., Ceramic, 8pF ±0.5pF
C118	1	1	1	DD10010020	Cap., Ceramic, 1pF ±0.5pF
C119	1	1	1	DD16150090	Cap., Ceramic, 15pF ±10%
C120	1	1	1	DD12100090	Cap., Ceramic, 10pF ±10%

REF. DESIG.	Q'TY U	Q'TY C	Q'TY E	PART NO.	DESCRIPTION
C121	1	1	1	DK18203030	Cap., Ceramic, 0.02μF+80%, -20%
C122	1	1	1	CA53700010	Cap., Variable, FM-5, AM-3
C123	1	1	1	CT10500030	Cap., Trimmer, 3pF~8pF
C151	1	1	1	DF17103010	Cap., Film, 0.01μF
C152	1	1	1	DF17102010	Cap., Film, 0.001μF
C153	1	1	1	DF17103010	Cap., Film, 0.01μF
C155	1	1	1	DF17103010	Cap., Film, 0.01μF
C156	1	1	1	DF65391010	Cap., Film, 390pF
C157	1	1	1	DF17403010	Cap., Film, 0.04μF
C158	1	1	1	DD16101010	Cap., Ceramic, 100pF
C159	1	1	1	DF17403010	Cap., Film, 0.04μF
C160	1	1	1	DF17102010	Cap., Film, 0.001μF
C161	1	1	1	EA47503590	Cap., Elect., 4.7μF, 35V
C162	1	1	1	EA33505090	Cap., Elect., 3.3μF, 50V
C163	1	1	1	DF17473010	Cap., Film, 0.047μF
C164	1	1	1	DF17103010	Cap., Film, 0.01μF
C165	1	1	1	DK17103010	Cap., Ceramic, 0.01μF
C166	1	1	1	EV10403560	Cap., Elect., 0.1μF, 35V
C167	1	1	1	EV10503560	Cap., Elect., 1μF, 35V
C168	1	1	1	DK17502010	Cap., Ceramic, 0.005μF
C169	1	1	1	EA10701690	Cap., Elect., 100μF, 16V
C170	1	1	1	DK18403020	Cap., Ceramic, 0.04μF
C171	1	1	1	DK18403020	Cap., Ceramic, 0.04μF
C172	1	1	1	EA10701690	Cap., Elect., 100μF, 16V
F151	1	1	1	FF10045160	Ceramic Filter
J101	1	1	1	YJ06001150	Jack
J102	1	1	1	YJ06001150	Jack
J103	1	1	1	YJ06001150	Jack
J104	1	1	1	YJ06001150	Jack
J105	1	1	1	YJ06001150	Jack
L105	1	1	1	LI71016060	I.F.T., FM
L151	1	1	1	LA10010190	Coil, RF
L152	1	1	1	LO10010480	Coil, OSC
L153	1	1	1	LI10015010	I.F.T., AM
L154	1	1	1	LI10015060	I.F.T., AM
L155	1	1	1	LC13320020	Choke Coil
P100	1	1	1	YD22180020	P.W. Board, FM Front End
	1	1	1	AV01202080	Front End Assembly
Q101	1	1	1	HF400591A0	F.E.T., 3SK59
Q102	1	1	1	HF400591A0	F.E.T., 3SK59
Q103	1	1	1	HF400591A0	F.E.T., 3SK59
Q104	1	1	1	HC10029050	I.C., TA7301P
Q151	1	1	1	HC10019010	I.C., HA1197
Q152	1	1	1	HT313272A0	Transistor, 2SC1327 S or T
R101	1	1	1	GD05473140	Res., Fixed, 47kΩ ±5%, ¼W
R102	1	1	1	GD05123140	Res., Fixed, 12kΩ ±5%, ¼W
R103	1	1	1	GD05473140	Res., Fixed, 47kΩ ±5%, ¼W
R104	1	1	1	GD05223140	Res., Fixed, 22kΩ ±5%, ¼W
R105	1	1	1	GD05101140	Res., Fixed, 100Ω ±5%, ¼W
R106	1	1	1	GD05101140	Res., Fixed, 100Ω ±5%, ¼W
R107	1	1	1	GD05182140	Res., Fixed, 1.8kΩ ±5%, ¼W
R108	1	1	1	GD05473140	Res., Fixed, 47kΩ ±5%, ¼W
R109	1	1	1	GD05123140	Res., Fixed, 12kΩ ±5%, ¼W
R110	1	1	1	GD05473140	Res., Fixed, 47kΩ ±5%, ¼W
R111	1	1	1	GD05101140	Res., Fixed, 100Ω ±5%, ¼W
R112	1	1	1	GD05101140	Res., Fixed, 100Ω ±5%, ¼W
R113	1	1	1	GD05473140	Res., Fixed, 47kΩ ±5%, ¼W
R114	1	1	1	GD05561140	Res., Fixed, 560Ω ±5%, ¼W

U : For U.S.A.
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E : For Europe

REF. DESIG.	Q'TY U	Q'TY C	Q'TY E	PART NO.	DESCRIPTION
R115	1	1	1	GD05101140	Res., Fixed, 100Ω ±5%, ¼W
R116	1	1	1	GD05331140	Res., Fixed, 330Ω ±5%, ¼W
R151	1	1	1	RT05201140	Res., Fixed, 220Ω ±5%, ¼W
R152	1	1	1	RT05302140	Res., Fixed, 3kΩ ±5%, ¼W
R153	1	1	1	RT05103140	Res., Fixed, 10kΩ ±5%, ¼W
R154	1	1	1	RT05103140	Res., Fixed, 10kΩ ±5%, ¼W
R155	1	1	1	RT05301140	Res., Fixed, 300Ω ±5%, ¼W
R156	1	1	1	RT05102140	Res., Fixed, 1kΩ ±5%, ¼W
R157	1	1	1	RT05204140	Res., Fixed, 200kΩ±5%, ¼W
R158	1	1	1	RT05473140	Res., Fixed, 47kΩ ±5%, ¼W
R159	1	1	1	RT05102140	Res., Fixed, 1kΩ ±5%, ¼W
R160	1	1	1	RT05332140	Res., Fixed, 3.3kΩ ±5%, ¼W
R161	1	1	1	RT05104140	Res., Fixed, 100kΩ±5%, ¼W
R162	1	1	1	RT05101140	Res., Fixed, 100Ω ±5%, ¼W
R163	1	1	1	RA01030250	Res., Semifixed, 10kΩ
R164	1	1	1	RT05152140	Res., Fixed, 1.5kΩ ±5%, ¼W
R165	1	1	1	RT05101140	Res., Fixed, 100Ω ±5%, ¼W
R166	1	1	1	RT05101140	Res., Fixed, 100Ω ±5%, ¼W
C201	1	1	1	DK17103010	Cap., Ceramic, 0.01µF
C202	1	1	1	DK17103010	Cap., Ceramic, 0.01µF
C203	1	1	1	DK17103010	Cap., Ceramic, 0.01µF
C204	1	1	1	DK17103010	Cap., Ceramic, 0.01µF
C205	1	1	1	DK18403010	Cap., Ceramic, 0.04µF
C206	1	1	1	DK18403010	Cap., Ceramic, 0.04µF
C207	1	1	1	DK17103010	Cap., Ceramic, 0.01µF
C208	1	1	1	DK18403010	Cap., Ceramic, 0.04µF
C209	1	1	1	DK18403010	Cap., Ceramic, 0.04µF
C210	1	1	1	DK17103010	Cap., Ceramic, 0.01µF
C211	1	1	1	DK17103010	Cap., Ceramic, 0.01µF
C212	1	1	1	DK17103010	Cap., Ceramic, 0.01µF
C213	1	1	1	DK18403020	Cap., Ceramic, 0.04µF
C214	1	1	1	DK18403020	Cap., Ceramic, 0.04µF
C215	1	1	1	DK17103010	Cap., Ceramic, 0.01µF
C216	1	1	1	DK17103010	Cap., Ceramic, 0.01µF
C217	1	1	1	DK17103010	Cap., Ceramic, 0.01µF
C218	1	1	1	DD16201010	Cap., Ceramic, 200pF
C219	1	1	1	DD16201010	Cap., Ceramic, 200pF
C220	1	1	1	DK17103010	Cap., Ceramic, 0.01µF
C221	1	1	1	DK18403020	Cap., Ceramic, 0.04µF
C222	1	1	1	DK18403020	Cap., Ceramic, 0.04µF
C223	1	1	1	EV22403560	Cap., Elect., 0.22µF, 35V
C224	1	1	1	DD16201010	Cap., Ceramic, 200pF
C225	1	1	1	DD16201010	Cap., Ceramic, 200pF
C226	1	1	1	DK16472010	Cap., Ceramic, 0.0047µF
C227	1	1	1	DK18403020	Cap., Ceramic, 0.04µF
C228	1	1	1	DD16201010	Cap., Ceramic, 200pF
C229	1	1	1	DK16152010	Cap., Ceramic, 0.0015µF
C230	1	1	1	DD16201010	Cap., Ceramic, 200pF
C231	1	1	1	DK16472010	Cap., Ceramic, 0.0047µF
C232	1	1	1	DD16201010	Cap., Ceramic, 200pF
C233	1	1	1	DD16201010	Cap., Ceramic, 200pF
C234	1	1	1	DK17103010	Cap., Ceramic, 0.01µF
C235	1	1	1	DK17103010	Cap., Ceramic, 0.01µF
C236	1	1	1	DK18403020	Cap., Ceramic, 0.04µF
C237	1	1	1	DK18403020	Cap., Ceramic, 0.04µF
C238	1	1	1	DK18403020	Cap., Ceramic, 0.04µF
C239	1	1	1	DK17103010	Cap., Ceramic, 0.01µF
C240	1	1	1	DK17103010	Cap., Ceramic, 0.01µF
C241	1	1	1	DK18403020	Cap., Ceramic, 0.04µF
C242	1	1	1	DK18403020	Cap., Ceramic, 0.04µF

REF. DESIG.	Q'TY U	Q'TY C	Q'TY E	PART NO.	DESCRIPTION
C243	1	1	1	DD16201010	Cap., Ceramic, 200pF
C244	1	1	1	DD16201010	Cap., Ceramic, 200pF
C247	1	1	1	DD16201010	Cap., Ceramic, 200pF
C248	1	1	1	EA22601690	Cap., Elect., 22µF, 16V
C249	1	1	1	EA47601690	Cap., Elect., 47µF, 16V
C250	1	1	1	EA10701690	Cap., Elect., 100µF, 16V
C251	1	1	1	DK18403010	Cap., Ceramic, 0.04µF
C252	1	1	1	EQ22405010	Cap., Elect., 0.22µF, 50V
C253	1	1	1	EA10601690	Cap., Elect., 10µF, 16V
C254	1	1	1	EA10601690	Cap., Elect., 10µF, 16V
C255	1	1	1	EA10601690	Cap., Elect., 10µF, 16V
C256	1	1	1	CT15000010	Cap., Trimmer, 50pF
C257	1	1	1	CT15000010	Cap., Trimmer, 50pF
C258	1	1	1	CT15000010	Cap., Trimmer, 50pF
C259	1	1	1	CT15000010	Cap., Trimmer, 50pF
C260	1	1	1	CT15000010	Cap., Trimmer, 50pF
C261	1	1	1	DK18403020	Cap., Ceramic, 0.04µF
C262	1	1	1	DK18403020	Cap., Ceramic, 0.04µF
F201	1	1	1	FF11070050	Ceramic Filter, 10.7MHz
F202	1	1	1	FF11070050	Ceramic Filter, 10.7MHz
F203	1	1	1	FF11070050	Ceramic Filter, 10.7MHz
F204	1	1	1	FF11070050	Ceramic Filter, 10.7MHz
F205	1	1	1	FF11070050	Ceramic Filter, 10.7MHz
J201	1	1	1	YP10001130	Plug
J202	1	1	1	YP10001130	Plug
J203	1	1	1	YP10001130	Plug
J204	1	1	1	YP10001130	Plug
J205	1	1	1	YP10001130	Plug
J206	1	1	1	YP06000570	Plug, 3P
J207	1	1	1	YP06000570	Plug, 3P
J209	1	1	1	YP10001130	Plug
J210	1	1	1	YP10001130	Plug
J211	1	1	1	YP10001130	Plug
J212	1	1	1	YP10001130	Plug
J213	1	1	1	YP10001130	Plug
J216	1	1	1	YP10001130	Plug
J217	1	1	1	YP10001130	Plug
J218	1	1	1	YP06000570	Plug, 3P
J221	1	1	1	YP10001130	Plug
J223	1	1	1	YP10001130	Plug
J224	1	1	1	YP10001130	Plug
J225	1	1	1	YP10001130	Plug
J226	1	1	1	YP10001130	Plug
J227	1	1	1	YP10001130	Plug
J228	1	1	1	YP10001130	Plug
J229	1	1	1	YP10001130	Plug
J231	1	1	1	YP10001130	Plug
J232	1	1	1	YP10001130	Plug
J233	1	1	1	YP10001130	Plug
J234	1	1	1	YP10001130	Plug
J235	1	1	1	YP06000570	Plug, 3P
J236	1	1	1	YP10001130	Plug
J238	1	1	1	YP10001130	Plug
J239	1	1	1	YP10001130	Plug
J240	1	1	1	YP10001130	Plug
L201	1	1	1	LI14016230	I.F.T., FM
L202	1	1	1	LC12230020	Choke Coil
L203	1	1	1	LC12230020	Choke Coil
L204	1	1	1	LC13320020	Choke Coil
L205	1	1	1	LC13320020	Choke Coil

U : For U.S.A.
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REF. DESIG.	Q'TY			PART NO.	DESCRIPTION
	U	C	E		
L206	1	1	1	LC13320020	Choke Coil
P200	1	1	1	YD22182060	P.W. Board, AM Tuner, FM IF & MPX Stereo Decoder
	1			ZZ22192060	P.W. Board Assembly
		1		ZZ22199060	P.W. Board Assembly
			1	ZZ22198060	P.W. Board Assembly
Q201	1	1	1	HT310471C0	Transistor, 2SC1047 C
Q202	1	1	1	HC10011060	I.C., NPC555H
Q203	1	1	1	HC10019030	I.C., LA1222
Q204	1	1	1	HT308291C0	Transistor, 2SC829 C
Q205	1	1	1	HC10019030	I.C., LA1222
Q206	1	1	1	HT308291C0	Transistor, 2SC829 C
Q207	1	1	1	HD20011050	Diode, 1S1555
Q208	1	1	1	HD20011050	Diode, 1S1555
Q209	1	1	1	HT313272A0	Transistor, 2SC1327 S or T
Q210	1	1	1	HT108422A0	Transistor, 2SA842 GR or BL
Q211	1	1	1	HT308291C0	Transistor, 2SC829 C
Q212	1	1	1	HD10003020	Diode, 2OA90
Q213	1	1	1	HD10003020	Diode, 2OA90
Q214	1	1	1	HD10003020	Diode, 2OA90
Q215	1	1	1	HD10003020	Diode, 2OA90
Q216	1	1	1	HT308291C0	Transistor, 2SC829 C
Q217	1	1	1	HD10003020	Diode, 2OA90
Q218	1	1	1	HD10003020	Diode, 2OA90
Q219	1	1	1	HT308291C0	Transistor, 2SC829 C
Q220	1	1	1	HD10003020	Diode, 2OA90
Q221	1	1	1	HD10003020	Diode, 2OA90
Q222	1	1	1	HT309452B0	Transistor, 2SC945 Q or P
Q223	1	1	1	HD10003020	Diode, 2OA90
R201	1	1	1	RT05331140	Res., Fixed, 330Ω ±5%, ¼W
R202	1	1	1	RT05331140	Res., Fixed, 330Ω ±5%, ¼W
R203	1	1	1	RT05153140	Res., Fixed, 15kΩ ±5%, ¼W
R204	1	1	1	RT05202140	Res., Fixed, 2kΩ ±5%, ¼W
R205	1	1	1	RT05331140	Res., Fixed, 330Ω ±5%, ¼W
R206	1	1	1	RT05201140	Res., Fixed, 200Ω ±5%, ¼W
R207	1	1	1	RT05101140	Res., Fixed, 100Ω ±5%, ¼W
R208	1	1	1	RT05331140	Res., Fixed, 330Ω ±5%, ¼W
R209	1	1	1	RT05331140	Res., Fixed, 330Ω ±5%, ¼W
R210	1	1	1	RT05101140	Res., Fixed, 100Ω ±5%, ¼W
R211	1	1	1	RT05100140	Res., Fixed, 10Ω ±5%, ¼W
R212	1	1	1	RT05151140	Res., Fixed, 150Ω ±5%, ¼W
R213	1	1	1	RT05153140	Res., Fixed, 15kΩ ±5%, ¼W
R214	1	1	1	RT05472140	Res., Fixed, 4.7kΩ ±5%, ¼W
R215	1	1	1	RT05202140	Res., Fixed, 2kΩ ±5%, ¼W
R216	1	1	1	RT05102140	Res., Fixed, 1kΩ ±5%, ¼W
R217	1	1	1	RT05302140	Res., Fixed, 3kΩ ±5%, ¼W
R218	1	1	1	RT05102140	Res., Fixed, 1kΩ ±5%, ¼W
R219	1	1	1	RT05223140	Res., Fixed, 22kΩ ±5%, ¼W
R220	1	1	1	RT05102140	Res., Fixed, 1kΩ ±5%, ¼W
R221	1	1	1	RT05273140	Res., Fixed, 27kΩ ±5%, ¼W
R222	1	1	1	RT05274140	Res., Fixed, 270kΩ±5%, ¼W
R223	1	1	1	RT05471140	Res., Fixed, 470Ω ±5%, ¼W
R224	1	1	1	RT05102140	Res., Fixed, 1kΩ ±5%, ¼W
R225	1	1	1	RT05202140	Res., Fixed, 2kΩ ±5%, ¼W
R226	1	1	1	RT05152140	Res., Fixed, 1.5kΩ ±5%, ¼W
R227	1	1	1	RT05101140	Res., Fixed, 100Ω ±5%, ¼W
R228	1	1	1	RT05151140	Res., Fixed, 150Ω ±5%, ¼W
R229	1	1	1	RT05271140	Res., Fixed, 270Ω ±5%, ¼W
R230	1	1	1	RT05102140	Res., Fixed, 1kΩ ±5%, ¼W
R231	1	1	1	RT05471140	Res., Fixed, 470Ω ±5%, ¼W
R232	1	1	1	RT05153140	Res., Fixed, 15kΩ ±5%, ¼W
R233	1	1	1	RT05242140	Res., Fixed, 2.4kΩ ±5%, ¼W
R234	1	1	1	RT05152140	Res., Fixed, 1.5kΩ ±5%, ¼W
R235	1	1	1	RT05102140	Res., Fixed, 1kΩ ±5%, ¼W
R236	1	1	1	RT05273140	Res., Fixed, 27kΩ ±5%, ¼W
R237	1	1	1	RT05154140	Res., Fixed, 150kΩ±5%, ¼W
R238	1	1	1	RT05151140	Res., Fixed, 150Ω ±5%, ¼W
R239	1	1	1	RT05331140	Res., Fixed, 330Ω ±5%, ¼W
R240	1	1	1	RT05102140	Res., Fixed, 1kΩ ±5%, ¼W
R241	1	1	1	RT05181140	Res., Fixed, 180Ω ±5%, ¼W
R242	1	1	1	RT05101140	Res., Fixed, 100Ω ±5%, ¼W
R243	1	1	1	RT05101140	Res., Fixed, 100Ω ±5%, ¼W
R244	1	1	1	RT05561140	Res., Fixed, 560Ω ±5%, ¼W
R245	1	1	1	RT05153140	Res., Fixed, 15kΩ ±5%, ¼W
R246	1	1	1	RT05472140	Res., Fixed, 4.7kΩ ±5%, ¼W
R247	1	1	1	RT05102140	Res., Fixed, 1kΩ ±5%, ¼W
R248	1	1	1	RT05102140	Res., Fixed, 1kΩ ±5%, ¼W
R249	1	1	1	RT05273140	Res., Fixed, 27kΩ ±5%, ¼W
R250	1	1	1	RT05151140	Res., Fixed, 150Ω ±5%, ¼W
R251	1	1	1	RT05153140	Res., Fixed, 15kΩ ±5%, ¼W
R252	1	1	1	RT05822140	Res., Fixed, 8.2kΩ ±5%, ¼W
R253	1	1	1	RT05102140	Res., Fixed, 1kΩ ±5%, ¼W
R254	1	1	1	RT05821140	Res., Fixed, 820Ω ±5%, ¼W
R255	1	1	1	RT05821140	Res., Fixed, 820Ω ±5%, ¼W
R256	1	1	1	RT05682140	Res., Fixed, 6.8kΩ ±5%, ¼W
R257	1	1	1	RT05682140	Res., Fixed, 6.8kΩ ±5%, ¼W
R258	1	1	1	RT05101140	Res., Fixed, 100Ω ±5%, ¼W
R259	1	1	1	RT05562140	Res., Fixed, 5.6kΩ ±5%, ¼W
R260	1	1	1	RT05105140	Res., Fixed, 1MΩ ±5%, ¼W
R261	1	1	1	RT05224140	Res., Fixed, 220kΩ±5%, ¼W
R262	1	1	1	RT05223140	Res., Fixed, 22kΩ ±5%, ¼W
R263	1	1	1	RT05122140	Res., Fixed, 1.2kΩ ±5%, ¼W
R264	1	1	1	RT05222140	Res., Fixed, 2.2kΩ ±5%, ¼W
R265	1	1	1	RT05561140	Res., Fixed, 560Ω ±5%, ¼W
R266	1	1		RT05334140	Res., Fixed, 330kΩ±5%, ¼W
R267	1	1		RT05334140	Res., Fixed, 330kΩ±5%, ¼W
R268	1	1	1	RT05564140	Res., Fixed, 560kΩ±5%, ¼W
R269	1	1	1	RT05223140	Res., Fixed, 22kΩ ±5%, ¼W
R270	1	1	1	RT05564140	Res., Fixed, 560kΩ±5%, ¼W
R271	1	1	1	RT05223140	Res., Fixed, 22kΩ ±5%, ¼W
R272	1	1	1	RT05221140	Res., Fixed, 220Ω ±5%, ¼W
R273	1	1	1	RT05101140	Res., Fixed, 100Ω ±5%, ¼W
R274	1	1	1	RT05101140	Res., Fixed, 100Ω ±5%, ¼W
R275	1	1	1	RT05683140	Res., Fixed, 68kΩ ±5%, ¼W
R276	1	1	1	RT05473140	Res., Fixed, 4.7kΩ ±5%, ¼W
R277	1	1	1	RT05153140	Res., Fixed, 15kΩ ±5%, ¼W
R278	1	1	1	RA01030250	Res., Semifixed, 10kΩ
R279	1	1	1	RT05102140	Res., Fixed, 1kΩ ±5%, ¼W
R280	1	1		RA02540010	Res., Semifixed, 250kΩ
R281	1	1	1	RT05103140	Res., Fixed, 10kΩ ±5%, ¼W
R281	1	1	1	RT05104140	Res., Fixed, 100kΩ±5%, ¼W
R282	1	1	1	RT05153140	Res., Fixed, 15kΩ ±5%, ¼W
R283	1	1	1	RT05561140	Res., Fixed, 560Ω ±5%, ¼W
C301	1	1	1	DF55471010	Cap., Film, 470pF
C302	1	1	1	DF55911010	Cap., Film, 910pF
C303	1	1	1	DF55681010	Cap., Film, 680pF
C304	1	1	1	DF55152030	Cap., Film, 1500pF
C305	1	1	1	EA22601690	Cap., Elect., 22μF, 16V

U : For U.S.A.
C : For Canada
E : For Europe

REF. DESIG.	Q'TY			PART NO.	DESCRIPTION
	U	C	E		
C306	1	1	1	DF17473010	Cap., Film, 0.047µF
C307	1	1	1	EQ22405010	Elect., 0.22µF, 35V
C308	1	1	1	EQ47405010	Cap., Elect., 0.47µF, 35V
C309	1	1	1	EQ22405010	Cap., Elect., 0.22µF, 35V
C310	1	1	1	DF55471010	Cap., Film, 470pF
C311	1	1	1	DF15272050	Cap., Film, 2700pF
C312	1	1	1	DF15272050	Cap., Film, 2700pF
C313		1		DF15272050	Cap., Film, 2700pF
C313	1			DF15562050	Cap., Film, 5600pF
C314		1		DF15272050	Cap., Film, 2700pF
C314	1			DF15562050	Cap., Film, 5600pF
C315	1	1	1	EA10601690	Cap., Elect., 10µF, 16V
C316	1	1	1	EA10601690	Cap., Elect., 10µF, 16V
C317	1	1	1	EA10701690	Cap., Elect., 100µF, 16V
C318	1	1	1	EA10701690	Cap., Elect., 100µF, 16V
C319	1	1	1	EV10403560	Cap., Elect., 0.1µF, 35V
C320	1	1	1	EV10503560	Cap., Elect., 1µF, 35V
C321	1	1	1	EV10503560	Cap., Elect., 1µF, 35V
C322	1	1	1	EV10503560	Cap., Elect., 1µF, 35V
L301	1	1	1	LS10290160	M.P.X. Coil
L302	1	1	1	LS10290170	M.P.X. Coil
L303	1	1	1	LS10290180	M.P.X. Coil
L304	1	1	1	LS35035010	M.P.X. Coil
Q301	1	1	1	HC10004010	I.C., HA1156 W
Q302	1	1	1	HT108422A0	Transistor, 2SA842 GR or BL
Q303	1	1	1	HT108422A0	Transistor, 2SA842 GR or BL
Q304	1	1	1	HT309452B0	Transistor, 2SC545 Q or P
Q305	1	1	1	HT107331Q0	Transistor, 2SA733 Q
Q306	1	1	1	HF200300A0	F.E.T., 2SK30
Q307	1	1	1	HT309452B0	Transistor, 2SC945 Q or P
Q308	1	1	1	HT309452B0	Transistor, 2SC945 Q or P
Q309	1	1	1	HT309452B0	Transistor, 2SC945 Q or P
Q310	1	1	1	HT309452B0	Transistor, 2SC945 Q or P
Q311	1	1	1	HT309452B0	Transistor, 2SC945 Q or P
Q312	1	1	1	HT309452B0	Transistor, 2SC945 Q or P
Q313	1	1	1	HD20011050	Diode, 1S1555
R301	1	1	1	RT05272140	Res., Fixed, 2.7kΩ ±5%, ¼W
R302	1	1	1	RT05272140	Res., Fixed, 2.7kΩ ±5%, ¼W
R303	1	1	1	RT05102140	Res., Fixed, 1kΩ ±5%, ¼W
R304	1	1	1	RT05392140	Res., Fixed, 3.9kΩ ±5%, ¼W
R305	1	1	1	RT05392140	Res., Fixed, 3.9kΩ ±5%, ¼W
R306	1	1	1	RT05102140	Res., Fixed, 1kΩ ±5%, ¼W
R307	1	1	1	RT05102140	Res., Fixed, 1kΩ ±5%, ¼W
R308	1	1	1	RT05200140	Res., Fixed, 20Ω ±5%, ¼W
R309	1	1	1	RT05163140	Res., Fixed, 16kΩ ±5%, ¼W
R310	1	1	1	RA04720050	Res., Semifixed, 4.7kΩ
R311	1	1	1	RT05272140	Res., Fixed, 2.7kΩ ±5%, ¼W
R312	1	1	1	RT05512140	Res., Fixed, 5.1kΩ ±5%, ¼W
R313	1	1	1	RT05512140	Res., Fixed, 5.1kΩ ±5%, ¼W
R314	1	1	1	RT05202140	Res., Fixed, 2kΩ ±5%, ¼W
R315	1	1	1	RT05202140	Res., Fixed, 2kΩ ±5%, ¼W
R316	1	1	1	RT05332140	Res., Fixed, 3.3kΩ ±5%, ¼W
R317	1	1	1	RT05332140	Res., Fixed, 3.3kΩ ±5%, ¼W
R318	1	1	1	RT05103140	Res., Fixed, 10kΩ ±5%, ¼W
R319	1	1	1	RA01040180	Res., Semifixed, 100kΩ
R320	1	1	1	RT05204140	Res., Fixed, 200kΩ±5%, ¼W
R321	1	1	1	RT05303140	Res., Fixed, 30kΩ ±5%, ¼W
R322	1	1	1	RT05332140	Res., Fixed, 3.3kΩ ±5%, ¼W
R323	1	1	1	RT05332140	Res., Fixed, 3.3kΩ ±5%, ¼W
R324	1	1	1	RT05101140	Res., Fixed, 100Ω ±5%, ¼W
R325		1		RT05100140	Res., Fixed, 10Ω ±5%, ¼W
R325	1	1	1	RT05273140	Res., Fixed, 27kΩ ±5%, ¼W
R326	1	1	1	RT05273140	Res., Fixed, 27kΩ ±5%, ¼W
R327	1	1	1	RT05104140	Res., Fixed, 100kΩ±5%, ¼W
R328	1	1	1	RT05104140	Res., Fixed, 100kΩ±5%, ¼W
R329	1	1	1	RT05222140	Res., Fixed, 2.2kΩ ±5%, ¼W
R330	1	1	1	RA01030250	Res., Semifixed, 10kΩ
R331	1	1	1	RT05104140	Res., Fixed, 100kΩ±5%, ¼W
R332	1	1	1	RT05104140	Res., Fixed, 100kΩ±5%, ¼W
R333	1	1	1	RT05102140	Res., Fixed, 1kΩ ±5%, ¼W
R334	1	1	1	RA01040180	Res., Semifixed, 100kΩ
R335	1	1	1	RT05104140	Res., Fixed, 100kΩ±5%, ¼W
R336	1	1	1	RT05103140	Res., Fixed, 10kΩ ±5%, ¼W
R337	1	1	1	RT05332140	Res., Fixed, 3.3kΩ ±5%, ¼W
R338	1	1	1	RT05564140	Res., Fixed, 560kΩ±5%, ¼W
R339	1	1	1	RT05333140	Res., Fixed, 33kΩ ±5%, ¼W
R340	1	1	1	RT05101140	Res., Fixed, 100Ω ±5%, ¼W
R341	1	1	1	RT05154140	Res., Fixed, 150kΩ±5%, ¼W
R342	1	1	1	RT05473140	Res., Fixed, 47kΩ ±5%, ¼W
R343	1	1	1	RT05224140	Res., Fixed, 220kΩ±5%, ¼W
R344	1	1	1	RT05104140	Res., Fixed, 100kΩ±5%, ¼W
R345	1	1	1	RT05103140	Res., Fixed, 10kΩ ±5%, ¼W
R346	1	1	1	RT05101140	Res., Fixed, 100Ω ±5%, ¼W
R347	1	1	1	RA01040180	Res., Semifixed, 100kΩ
R348	1	1	1	RT05183140	Res., Fixed, 18kΩ ±5%, ¼W
C401	1	1	1	EA10703590	Cap., Elect., 100µF, 35V
C402	1	1	1	EA10703590	Cap., Elect., 100µF, 35V
C403	1	1	1	DD15390010	Cap., Ceramic, 39pF, 50V
C404	1	1	1	DD15390010	Cap., Ceramic, 39pF, 50V
C405	1	1	1	DD15331010	Cap., Ceramic, 330pF, 50V
C406	1	1	1	DD15331010	Cap., Ceramic, 330pF, 50V
C407	1	1	1	DD15331010	Cap., Ceramic, 330pF, 50V
C408	1	1	1	DD15331010	Cap., Ceramic, 330pF, 50V
C409	1	1	1	DF14362020	Cap., Film, 3600pF, 50V
C410	1	1	1	DF14362020	Cap., Film, 3600pF, 50V
C411	1	1	1	DF14122010	Cap., Film, 1200pF, 50V
C412	1	1	1	DF14122010	Cap., Film, 1200pF, 50V
C413	1	1	1	DD11040010	Cap., Ceramic, 4pF, 50V
C414	1	1	1	DD11040010	Cap., Ceramic, 4pF, 50V
C415	1	1	1	DF16102010	Cap., Film, 1000pF, 50V
C416	1	1	1	DF16102010	Cap., Film, 1000pF, 50V
C417	1	1	1	EE47502540	Cap., Elect., 4.7µF, 25V
C418	1	1	1	EE47502540	Cap., Elect., 4.7µF, 25V
C419	1	1	1	EE47601040	Cap., Elect., 47µF, 10V
C420	1	1	1	EE47601040	Cap., Elect., 47µF, 10V
C421	1	1	1	EE47502540	Cap., Elect., 4.7µF, 25V
C422	1	1	1	EE47502540	Cap., Elect., 4.7µF, 25V
J401	1	1	1	YP06001370	Plug, 4P, Basepost
J402	1	1	1	YP06001370	Plug, 4P, Basepost
J403	1	1	1	YP06001050	Plug, 5P, Basepost
J404	1	1	1	YP06001050	Plug, 5P, Basepost
J405	1	1	1	YP06001050	Plug, 5P, Basepost
J406	1	1	1	YP06001050	Plug, 5P, Basepost
J407	1	1	1	YP10001130	Plug
J408	1	1	1	YP10001130	Plug
J409	1	1	1	YP10001130	Plug
J410	1	1	1	YP10001130	Plug
J411	1	1	1	YP10001130	Plug
J412	1	1	1	YP10001130	Plug

U : For U.S.A.
C : For Canada
E : For Europe

REF. DESIG.	Q'TY U	Q'TY C	Q'TY E	PART NO.	DESCRIPTION
J413	1	1	1	YP10001130	Plug
J414	1	1	1	YP10001130	Plug
J415	1	1	1	YP10001130	Plug
J416	1	1	1	YP10001130	Plug
J417	1	1	1	YP10001130	Plug
J418	1	1	1	YP10001130	Plug
J419	1	1	1	YP10001130	Plug
J420	1	1	1	YP10001130	Plug
J421	1	1	1	YP10001130	Plug
J422	1	1	1	YP10001130	Plug
J423	1	1	1	YP10001130	Plug
J424	1	1	1	YP10001130	Plug
J425	1	1	1	YP10001130	Plug
J426	1	1	1	YP10001130	Plug
J427	1	1	1	YP10001130	Plug
J428	1	1	1	YP10001130	Plug
J429	1	1	1	YP10001130	Plug
J430	1	1	1	YP10001130	Plug
J431	1	1	1	YP10001130	Plug
J432	1	1	1	YP10001130	Plug
J433	1	1	1	YP10001130	Plug
J434	1	1	1	YP10001130	Plug
J435	1	1	1	YP10001130	Plug
J436	1	1	1	YP10001130	Plug
J437	1	1	1	YP10001130	Plug
J438	1	1	1	YP10001130	Plug
J439	1	1	1	YP10001130	Plug
J440	1	1	1	YP10001130	Plug
J441	1	1	1	YP10001130	Plug
J442	1	1	1	YP10001130	Plug
P400	1	1	1	YK22190230	P.W. Board, Phono Amp & Selector Switch
	1	1		ZZ22192040	P.W. Board Assembly
			1	ZZ22198040	P.W. Board Assembly
Q401	1	1	1	HT108412A0	Transistor, 2SA841 GR or BL
Q402	1	1	1	HT108412A0	Transistor, 2SA841 GR or BL
Q403	1	1	1	HT108412A0	Transistor, 2SA841 GR or BL
Q404	1	1	1	HT108412A0	Transistor, 2SA841 GR or BL
Q405	1	1	1	HT109122D0	Transistor, 2SA912 S or T
Q406	1	1	1	HT109122D0	Transistor, 2SA912 S or T
Q407	1	1	1	HT318852D0	Transistor, 2SC1885 S or T
Q408	1	1	1	HT318852D0	Transistor, 2SC1885 S or T
R401	1	1	1	RT05823140	Res., Fixed, 82kΩ ±5%, ¼W
R402	1	1	1	RT05823140	Res., Fixed, 82kΩ ±5%, ¼W
R403	1	1	1	RN05153140	Res., Fixed, 15kΩ ±5%, ¼W
R404	1	1	1	RN05153140	Res., Fixed, 15kΩ ±5%, ¼W
R405	1	1	1	RT05911140	Res., Fixed, 910Ω ±5%, ¼W
R406	1	1	1	RT05911140	Res., Fixed, 910Ω ±5%, ¼W
R407	1	1	1	RT05123140	Res., Fixed, 12kΩ ±5%, ¼W
R408	1	1	1	RT05123140	Res., Fixed, 12kΩ ±5%, ¼W
R409	1	1	1	RN05623140	Res., Fixed, 62kΩ ±5%, ¼W
R410	1	1	1	RN05623140	Res., Fixed, 62kΩ ±5%, ¼W
R411	1	1	1	RT02911140	Res., Fixed, 910Ω ±5%, ¼W
R412	1	1	1	RT02911140	Res., Fixed, 910Ω ±5%, ¼W
R413	1	1	1	RT02683140	Res., Fixed, 68kΩ ±5%, ¼W
R414	1	1	1	RT02683140	Res., Fixed, 68kΩ ±5%, ¼W
R415	1	1	1	RT05431140	Res., Fixed, 430Ω ±5%, ¼W
R416	1	1	1	RT05431140	Res., Fixed, 430Ω ±5%, ¼W

REF. DESIG.	Q'TY U	Q'TY C	Q'TY E	PART NO.	DESCRIPTION
R417	1	1	1	RT02105140	Res., Fixed, 1MΩ ±2%, ¼W
R418	1	1	1	RT02105140	Res., Fixed, 1MΩ ±2%, ¼W
R419	1	1	1	RT05331140	Res., Fixed, 330Ω ±5%, ¼W
R420	1	1	1	RT05331140	Res., Fixed, 330Ω ±5%, ¼W
R421	1	1	1	RT05330140	Res., Fixed, 33Ω ±5%, ¼W
R422	1	1	1	RT05330140	Res., Fixed, 33Ω ±5%, ¼W
R423	1	1	1	RT05202140	Res., Fixed, 2kΩ ±5%, ¼W
R424	1	1	1	RT05202140	Res., Fixed, 2kΩ ±5%, ¼W
R425	1	1	1	RT05203140	Res., Fixed, 20kΩ ±5%, ¼W
R426	1	1	1	RT05203140	Res., Fixed, 20kΩ ±5%, ¼W
R427	1	1	1	RT05331140	Res., Fixed, 330Ω ±5%, ¼W
R428	1	1	1	RT05331140	Res., Fixed, 330Ω ±5%, ¼W
R429	1	1	1	RT05105140	Res., Fixed, 1MΩ ±5%, ¼W
R430	1	1	1	RT05105140	Res., Fixed, 1MΩ ±5%, ¼W
R431	1	1	1	GF05100140	Res., Fixed, 10Ω ±5%, ¼W
R432	1	1	1	GF05100140	Res., Fixed, 10Ω ±5%, ¼W
R433	1	1	1	RT05102140	Res., Fixed, 1kΩ ±5%, ¼W
R434	1	1	1	RT05102140	Res., Fixed, 1kΩ ±5%, ¼W
R435	1	1	1	RT05101140	Res., Fixed, 100Ω ±5%, ¼W
R436	1	1	1	RT05240140	Res., Fixed, 24Ω ±5%, ¼W
R437	1	1	1	RT05273140	Res., Fixed, 27kΩ ±5%, ¼W
R438	1	1	1	RT05105140	Res., Fixed, 1MΩ ±5%, ¼W
R439	1	1	1	RT05105140	Res., Fixed, 1MΩ ±5%, ¼W
S401			1	SR09060020	Rotary Switch, Selector
S401	1	1		SR10060160	Rotary Switch, Selector
S402	1	1	1	SR04050110	Rotary Switch, Mode
W401	1	1	1	YB00120020	Connective Cord
C701	2	2	2	DD15101010	Cap., Ceramic, 100pF, 50V
C702	2	2	2	EE47502540	Cap., Elect., 4.7µF, 25V
C703	2	2	2	DK16221510	Cap., Ceramic, 220pF, 500V
C704	2	2	2	DF17223050	Cap., Film, 0.022µF, 50V
C705	2	2	2	DD11050500	Cap., Ceramic, 5pF 500V
C706	2	2	2	DK16101500	Cap., Ceramic, 100pF, 500V
C708	2	2	2	DF17224050	Cap., Film, 0.22µF, 50V
C710	2	2	2	DF17104520	Cap., Film, 0.1µF, 200V
C711	2	2	2	DF16103050	Cap., Film, 0.01µF, 50V
C712	2	2	2	DF16103050	Cap., Film, 0.01µF, 50V
C713	2	2	2	DF16104050	Cap., Film, 0.1µF, 50V
C714	2	2	2	DF16104050	Cap., Film, 0.1µF, 50V
C716	2	2	2	DF17104520	Cap., Film, 0.1µF, 200V
C717	2	2	2	DF17104520	Cap., Film, 0.1µF, 200V
C718	2	2	2	DF17104520	Cap., Film, 0.1µF, 200V
C719	2	2	2	DF17104520	Cap., Film, 0.1µF, 200V
C720	2	2	2	EA47505090	Cap., Elect., 4.7µF, 50V
C721	2	2	2	EA10605090	Cap., Elect., 10µF, 50V
C722	2	2	2	EE10701640	Cap., Elect., 100µF, 16V
C723	2	2	2	EA10601690	Cap., Elect., 10µF, 16V
C724	2	2	2	EA10601690	Cap., Elect., 10µF, 16V
C725	2	2	2	EA22601090	Cap., Elect., 22µF, 10V
J701	2	2	2	YP10001430	Plug, 3P
J702	2	2	2	YP06001300	Plug, 6P
J703	2	2	2	YJ06001330	Jack, 8P
J704	2	2	2	YJ06001340	Jack, 4P
J705	2	2	2	YJ06001340	Jack, 4P
J706	2	2	2	YL09010130	Terminal, 1P
J707	2	2	2	YL09010130	Terminal, 1P
J708	2	2	2	YL09010140	Terminal, 1P
J709	2	2	2	YL09010140	Terminal, 1P
L701	2	2	2	LC22220010	Choke Coil
L702	2	2	2	LC22220010	Choke Coil

U : For U.S.A.
C : For Canada
E : For Europe

REF. DESIG.	Q'TY			PART NO.	DESCRIPTION
	U	C	E		
P700	2	2	2	YG22190010	P.W. Board, Main Amp
	2	2	2	ZZ22192010	P.W. Board Assembly
Q701	2	2	2	HT320882A0	Transistor, 2SC2088 BL or V
Q702	2	2	2	HT320882A0	Transistor, 2SC2088 BL or V
Q703	2	2	2	HT320882A0	Transistor, 2SC2088 BL or V
Q704	2	2	2	HT107332B0	Transistor, 2SA733 Q or R
Q705	2	2	2	HT109392B0	Transistor, 2SA939 B or V
Q706	2	2	2	HT109392B0	Transistor, 2SA939 B or V
Q707	2	2	2	HT320712B0	Transistor, 2SC2071 B or V
Q708	2	2	2	HT320712B0	Transistor, 2SC2071 B or V
Q709	2	2	2	HT309452A0	Transistor, 2SC945 Q or R
Q710	2	2	2	HT107332B0	Transistor, 2SA733 Q or R
Q711	2	2	2	HT320713A0	Transistor, 2SC2071 G, B or V
Q712	2	2	2	HT109393A0	Transistor, 2SA939 G, B or V
Q713	2	2	2	HT107502B0	Transistor, 2SA750 E or U
Q714	2	2	2	HT107502B0	Transistor, 2SA750 E or U
Q715	2	2	2	HD20001210	Diode, 1S2473
Q716	2	2	2	HD20001210	Diode, 1S2473
Q717	2	2	2	HV00003120	Varistor, MV-13
Q718	2	2	2	HD20003210	Diode, 1S2471
Q719	2	2	2	HD20001210	Diode, 1S2473
Q720	2	2	2	HD20001210	Diode, 1S2473
Q721	2	2	2	HD20001210	Diode, 1S2473
Q722	2	2	2	HD20001210	Diode, 1S2473
Q723	2	2	2	HD20001210	Diode, 1S2473
Q724	2	2	2	HD20003210	Diode, 1S2471
Q725	2	2	2	HD20003210	Diode, 1S2471
Q726	2	2	2	HD20001210	Diode, 1S2473
Q727	2	2	2	HD20001210	Diode, 1S2473
Q728	2	2	2	HD20011010	Diode, W06C
Q729	2	2	2	HD20011010	Diode, W06C
Q730	2	2	2	HD30023090	Zener, WZ-071, 7.1V 0.5W
Q731	2	2	2	HD30002130	Zener, EQA01-35R, 35V 0.5W
Q732	2	2	2	HD20001210	Diode, 1S2473
Q733	2	2	2	HD30027090	Zener, WZ-140, 14V 0.5W
Q734	2	2	2	HD20001210	Diode, 1S2473
Q735	2	2	2	HD20001210	Diode, 1S2473
R701	2	2	2	RT05513140	Res., Fixed, 51kΩ ±5%, ¼W
R702	2	2	2	RT05182140	Res., Fixed, 1.8kΩ ±5%, ¼W
R703	2	2	2	RT05514140	Res., Fixed, 510kΩ±5%, ¼W
R704	2	2	2	RT05432140	Res., Fixed, 4.3kΩ ±5%, ¼W
R705	2	2	2	RT05432140	Res., Fixed, 4.3kΩ ±5%, ¼W
R706	2	2	2	RT05681140	Res., Fixed, 680Ω ±5%, ¼W
R707	2	2	2	RT05511140	Res., Fixed, 510Ω ±5%, ¼W
R708	2	2	2	RT05822140	Res., Fixed, 8.2kΩ ±5%, ¼W
R709	2	2	2	GF05472120	Res., Fixed, 4.7kΩ ±5%, ½W
R710	2	2	2	RT05184140	Res., Fixed, 180kΩ±5%, ¼W
R711	2	2	2	RT05184140	Res., Fixed, 180kΩ±5%, ¼W
R712	2	2	2	RT05182140	Res., Fixed, 1.8kΩ ±5%, ¼W
R713	2	2	2	RT05393140	Res., Fixed, 39kΩ ±5%, ¼W
R714	2	2	2	RT05183140	Res., Fixed, 18kΩ ±5%, ¼W
R715	2	2	2	RT05154140	Res., Fixed, 150kΩ±5%, ¼W
R716	2	2	2	RT05513140	Res., Fixed, 51kΩ ±5%, ¼W
R717	2	2	2	RT05511140	Res., Fixed, 510Ω ±5%, ¼W
R718	2	2	2	RT05511140	Res., Fixed, 510Ω ±5%, ¼W
R719	2	2	2	RT05511140	Res., Fixed, 510Ω ±5%, ¼W
R720	2	2	2	RT05511140	Res., Fixed, 510Ω ±5%, ¼W
R721	2	2	2	RT05181140	Res., Fixed, 180Ω ±5%, ¼W
R722	2	2	2	GJ05030010	Res., Fixed, 3Ω ±5%, 1W
R723	2	2	2	RT05153140	Res., Fixed, 15kΩ ±5%, ¼W
R724	2	2	2	RT05153140	Res., Fixed, 15kΩ ±5%, ¼W
R725	2	2	2	RT05393140	Res., Fixed, 39kΩ ±5%, ¼W
R726	2	2	2	GF05100120	Res., Fixed, 10Ω ±5%, ½W
R727	2	2	2	GF05100120	Res., Fixed, 10Ω ±5%, ½W
R728	2	2	2	GF05100140	Res., Fixed, 10Ω ±5%, ¼W
R729	2	2	2	GF05100140	Res., Fixed, 10Ω ±5%, ¼W
R730	2	2	2	RT05301140	Res., Fixed, 300Ω ±5%, ¼W
R731	2	2	2	RT05301140	Res., Fixed, 300Ω ±5%, ¼W
R732	2	2	2	GF05161140	Res., Fixed, 160Ω ±5%, ¼W
R733	2	2	2	GF05161140	Res., Fixed, 160Ω ±5%, ¼W
R734	2	2	2	GF05201140	Res., Fixed, 200Ω ±5%, ¼W
R735	2	2	2	GF05201140	Res., Fixed, 200Ω ±5%, ¼W
R736	2	2	2	GF05273120	Res., Fixed, 27kΩ ±5%, ½W
R737	2	2	2	GF05561120	Res., Fixed, 560Ω ±5%, ½W
R738	2	2	2	GJ05151010	Res., Fixed, 150Ω ±5%, 1W
R739	2	2	2	GJ05022030	Res., Fixed, 2.2Ω ±5%, 3W
R740	2	2	2	GW10392050	Res., Fixed, 0.39Ω ±10%, 5W
R741	2	2	2	GW10392050	Res., Fixed, 0.39Ω ±10%, 5W
R742	2	2	2	GW10392050	Res., Fixed, 0.39Ω ±10%, 5W
R743	2	2	2	GW10392050	Res., Fixed, 0.39Ω ±10%, 5W
R744	2	2	2	GW10392050	Res., Fixed, 0.39Ω ±10%, 5W
R745	2	2	2	GW10392050	Res., Fixed, 0.39Ω ±10%, 5W
R746	2	2	2	GW10392050	Res., Fixed, 0.39Ω ±10%, 5W
R747	2	2	2	GW10392050	Res., Fixed, 0.39Ω ±10%, 5W
R748	2	2	2	GJ05047030	Res., Fixed, 4.7Ω ±5%, 3W
R749	2	2	2	GJ05047030	Res., Fixed, 4.7Ω ±5%, 3W
R750	2	2	2	RT05220140	Res., Fixed, 22Ω ±5%, ¼W
R751	2	2	2	RT05470140	Res., Fixed, 47Ω ±5%, ¼W
R752	2	2	2	RT05470140	Res., Fixed, 47Ω ±5%, ¼W
R753	2	2	2	RT05102140	Res., Fixed, 1kΩ ±5%, ¼W
R754	2	2	2	RT05102140	Res., Fixed, 1kΩ ±5%, ¼W
R755	2	2	2	GJ05822010	Res., Fixed, 8.2kΩ ±5%, 1W
R756	2	2	2	GJ05123010	Res., Fixed, 12kΩ ±5%, 1W
R757	2	2	2	RT05033140	Res., Fixed, 3.3Ω ±5%, ¼W
R758	2	2	2	RT05151140	Res., Fixed, 150Ω ±5%, ¼W
R759	2	2	2	RT05154140	Res., Fixed, 150kΩ±5%, ¼W
R760	2	2	2	RA02220090	Res., Semifixed, 2.2kΩ
R761	2	2	2	RA01020270	Res., Semifixed, 1kΩ
W701	2	2	2	YB00090010	Connective Cord
C801	1	1	1	DF17103510	Cap., Film, 200V DC
C802	1	1	1	DF17103510	Cap., Film, 200V DC
C803	1	1	1	DF17103050	Cap., Film, 0.01µF, 50V
C804	1	1	1	DF17103050	Cap., Film, 0.01µF, 50V
C805	1	1	1	DF17103050	Cap., Film, 0.01µF, 50V
C806	1	1	1	DF17103050	Cap., Film, 0.01µF, 50V
C807	1	1	1	EA22625010	Cap., Elect., 22µF, 250V
C808	1	1	1	EA10625010	Cap., Elect., 10µF, 250V
C809	1	1	1	EB10806310	Cap., Elect., 1000µF, 63V
C810	1	1	1	EB47706320	Cap., Elect., 470µF, 63V
C811	1	1	1	EA10635010	Cap., Elect., 10µF, 350V
C812	1	1	1	EA10635010	Cap., Elect., 10µF, 350V
C813	1	1	1	EA22701690	Cap., Elect., 220µF, 16V
C814	1	1	1	EA22701690	Cap., Elect., 220µF, 16V
C815	1	1	1	EA10705090	Cap., Elect., 10µF, 50V
C816	1	1	1	EA22705090	Cap., Elect., 220µF, 50V
C817	1	1	1	EA22705090	Cap., Elect., 220µF, 50V
C818	1	1	1	EA10601690	Cap., Elect., 10µF, 16V
C819	1	1	1	EE47505040	Cap., Elect., 4.7µF, 50V
C820	1	1	1	EE47505040	Cap., Elect., 4.7µF, 50V
F801	1	1		FS10200060	Fuse, 30mm(UL)

U : For U.S.A.
C : For Canada
E : For Europe

REF. DESIG.	Q'TY U	Q'TY C	Q'TY E	PART NO.	DESCRIPTION
F801			1	FS10200800	Fuse, 20mm (SEMKO)
F802	1	1		FS10050090	Fuse, 30mm (UL)
F802			1	FS10200800	Fuse, 20mm (SEMKO)
F803	1	1		FS10050090	Fuse, 30mm (UL)
F803			1	FS10200800	Fuse, 20mm (SEMKO)
F804	1	1		FS10050090	Fuse, 30mm (UL)
F804			1	FS10200800	Fuse, 20mm (SEMKO)
F805	1	1		FS10050090	Fuse, 30mm (UL)
F805			1	FS10200800	Fuse, 20mm (SEMKO)
F806	1	1		FS10150050	Fuse, 30mm (UL)
F806			1	FS10200800	Fuse, 20mm (SEMKO)
F807	1	1		FS10150050	Fuse, 30mm (UL)
F807			1	FS10200800	Fuse, 20mm (SEMKO)
J801	1	1	1	YP06000830	Plug, 4P, Basepost
J802	1	1	1	YP06000840	Plug, 6P, Basepost
J803	1	1	1	YP06001040	Plug, 3P, Basepost
J804	1	1	1	YP06001310	Plug, 6P, Basepost
J805	1	1	1	YP06001050	Plug, 5P, Basepost
J806			1	YJ08000200	Jack, Fuse Holder
J806	1	1		YJ08000210	Jack, Fuse Holder
J807			1	YJ08000200	Jack, Fuse Holder
J807	1	1		YJ08000210	Jack, Fuse Holder
J808			1	YJ08000200	Jack, Fuse Holder
J808	1	1		YJ08000210	Jack, Fuse Holder
J809			1	YJ08000200	Jack, Fuse Holder
J809	1	1		YJ08000210	Jack, Fuse Holder
J810			1	YJ08000200	Jack, Fuse Holder
J810	1	1		YJ08000210	Jack, Fuse Holder
J811			1	YJ08000200	Jack, Fuse Holder
J811	1	1		YJ08000210	Jack, Fuse Holder
J812			1	YJ08000200	Jack, Fuse Holder
J812	1	1		YJ08000210	Jack, Fuse Holder
J813			1	YJ08000200	Jack, Fuse Holder
J813	1	1		YJ08000210	Jack, Fuse Holder
J814			1	YJ08000200	Jack, Fuse Holder
J814	1	1		YJ08000210	Jack, Fuse Holder
J815			1	YJ08000200	Jack, Fuse Holder
J815	1	1		YJ08000210	Jack, Fuse Holder
J816			1	YJ08000200	Jack, Fuse Holder
J816	1	1		YJ08000210	Jack, Fuse Holder
J817			1	YJ08000200	Jack, Fuse Holder
J817	1	1		YJ08000210	Jack, Fuse Holder
J818			1	YJ08000200	Jack, Fuse Holder
J818	1	1		YJ08000210	Jack, Fuse Holder
J819			1	YJ08000200	Jack, Fuse Holder
J819	1	1		YJ08000210	Jack, Fuse Holder
P800	1	1		YG22190020	P.W. Board, Power Supply
	1	1		ZZ22192030	P.W. Board Assembly
P800			1	YG22190030	P.W. Board, Power Supply
			1	ZZ22192050	P.W. Board Assembly
Q801	1	1	1	HT403132A0	Transistor, 2SD313 D or E
Q802	1	1	1	HT403132A0	Transistor, 2SD313 D or E
Q803	1	1	1	HT309452A0	Transistor, 2SC945 Q or R
Q804	1	1	1	HT108412A0	Transistor, 2SA841 GR or BL
Q805	1	1	1	HT403132A0	Transistor, 2SC313 D or E
Q806	1	1	1	HT107332A0	Transistor, 2SA733 Q or R
Q807	1	1	1	HD20021100	Diode, 2DL15, 1500V 0.2A
Q808	1	1	1	HD20014030	Diode, DS130YA, 800V 1A
Q809	1	1	1	HD20014030	Diode, DS130YA, 800V 1A
Q810	1	1	1	HD20011030	Diode, DS131B, 200V
Q811	1	1	1	HD20012030	Diode, DS132B, 200V
Q812	1	1	1	HD20001210	Diode, 1S2473, 35V
Q813	1	1	1	HD30027090	Zener, WZ-140, 14V
Q814	1	1	1	HD30027090	Zener, WZ-140, 14V
Q815	1	1	1	HD30027090	Zener, WZ-140, 14V
R801	1	1	1	GF05472120	Res., Fixed, 4.7kΩ ±5%, ½W
R802	1	1	1	GF05100120	Res., Fixed, 10Ω ±5%, ½W
R803	1	1	1	GJ05152010	Res., Fixed, 1.5kΩ ±5%, 1W
R804	1	1	1	GF05100120	Res., Fixed, 10Ω ±5%, ½W
R805	1	1	1	GF05220140	Res., Fixed, 22Ω ±5%, ¼W
R806	1	1	1	GJ05222010	Res., Fixed, 2.2kΩ ±5%, 1W
R807	1	1	1	GQ10101070	Res., Fixed, 100Ω ±10%, 7W
R808	1	1	1	RT05472140	Res., Fixed, 4.7kΩ ±5%, ¼W
R809	1	1	1	RT05472140	Res., Fixed, 4.7kΩ ±5%, ¼W
R810	1	1	1	GF05202140	Res., Fixed, 2kΩ ±5%, ¼W
R811	1	1	1	RT05123140	Res., Fixed, 12kΩ ±5%, ¼W
R812	1	1	1	RT05103140	Res., Fixed, 10kΩ ±5%, ¼W
R813	1	1	1	RT05472140	Res., Fixed, 4.7kΩ ±5%, ¼W
R814	1	1	1	RT05472140	Res., Fixed, 4.7kΩ ±5%, ¼W
R815	1	1	1	RT05163140	Res., Fixed, 16kΩ ±5%, ¼W
R816	1	1	1	RT05133140	Res., Fixed, 13kΩ ±5%, ¼W
R817	1	1	1	RT05272140	Res., Fixed, 2.7kΩ ±5%, ¼W
R818	1	1	1	RT05562140	Res., Fixed, 5.6kΩ ±5%, ¼W
R819	1	1	1	RA04720060	Res., Semifixed, 4.7kΩ (B)
C901	1	1	1	DK18103820	Cap., Ceramic, 0.01μF, 1kV
C902	1	1	1	DK18103820	Cap., Ceramic, 0.01μF, 1kV
C903	1	1	1	DF17473520	Cap., Film, 0.047μF, 200V
J901	1	1	1	YJ06001290	Jack, 8P
J902	1	1	1	YP06001050	Plug, 5P, Basepost
J903	1	1	1	YP06001050	Plug, 5P
J904	1	1	1	YB00140030	Connective Cord
J905	1	1	1	YB00180010	Connective Cord
J906	1	1	1	YB00140030	Connective Cord
J907	1	1	1	YB00120010	Connective Cord
J908	1	1	1	YB00140040	Connective Cord
J909	1	1	1	YB00150010	Connective Cord
J910	1	1	1	YB00180020	Connective Cord
J911	1	1	1	YB00200290	Connective Cord
J912	1	1	1	YB00180030	Connective Cord
J913	1	1	1	YB00210010	Connective Cord
J914	1	1	1	YJ06001310	Jack, 6P
K901	1	1	1	HM003019A0	Transistor, 2SK30A
P900	1	1	1	YK22190310	P.W. Board, Scope Amp
	1	1	1	ZZ22190310	P.W. Board Assembly
Q901	1	1	1	HF200304A0	F.E.T., 2SK30A OB, OC, OD or OE
Q902	1	1	1	HF200304A0	F.E.T., 2SK30A OB, OC, OD or OE
Q903	1	1	1	HF200304A0	F.E.T., 2SK30A OB, OC, OD or OE
Q904	1	1	1	HF200304A0	F.E.T., 2SK30A OB, OC, OD or OE
Q905	1	1	1	HT31756280	Transistor, 2SC1756 D or E
Q906	1	1	1	HT31756280	Transistor, 2SC1756 D or E
Q907	1	1	1	HT31756280	Transistor, 2SC1756 D or E
Q908	1	1	1	HT31756280	Transistor, 2SC1756 D or E

[FOR EUROPEAN MODEL ONLY]

AUDIO SECTION:

POWER OUTPUT AT 1% DISTORTION	340 W
RATED POWER OUTPUT, 1 kHz	330 W
TOTAL HARMONIC DISTORTION AT RATED POWER OUTPUT, 1 kHz	0.1%
I.M. DISTORTION AT RATED POWER OUTPUT (I.H.F. METHOD, 300 Hz AND 10 kHz MIXED 4:1 AT RATED POWER OUTPUT)	0.1%
POWER BANDWIDTH (½ RATED POWER OUTPUT)	5 Hz – 35 kHz
LOAD IMPEDANCE	4 ohms
POWER OUTPUT AT 1% DISTORTION	270 W
RATED POWER OUTPUT, 1 kHz	270 W
TOTAL HARMONIC DISTORTION AT RATED POWER OUTPUT, 1 kHz	0.05%
I.M. DISTORTION AT RATED POWER OUTPUT (I.H.F. METHOD, 300 Hz AND 10 kHz MIXED 4:1 AT RATED POWER OUTPUT	0.1%
POWER BANDWIDTH (½ RATED POWER, OUTPUT)	5 Hz – 35 kHz
LOAD IMPEDANCE	8 ohms

Damping Factor	
8 ohms	55
4 ohms	25
Frequency Response	
Phono ±2 dB	±0.5 dB
Aux ±1.5 dB	±0.5 dB
Main In ±1.5 dB	±0.2 dB
Signal-to-Noise Ratio, 1 kHz	
Phono	56 dB
Aux	58 dB
Main In	70 dB
Input Terminals	
Phono: Input Impedance	47 kohms
Input Sensitivity	1.8 mV
Overload Margin (Above rated input voltage)	41 dB
Aux: Input Impedance	55 kohms
Input Sensitivity	180 mV
Overload Margin (Above rated input voltage)	60 dB
Phono Equivalent Input Noise	1.0 μV
Phono Dynamic Range (Ratio of input overload to equivalent input noise)	106 dB
Phono Input Capacitance	100 pF
Channel Balance	
Phono 0 – –40 dB	2.5 dB
Aux 40 Hz – 16 kHz	2.0 dB
Interchannel Crosstalk	
Phono 1 kHz	43 dB
250 Hz – 10 kHz	40 dB
Aux 1 kHz	45 dB
250 Hz – 10 kHz	35 dB
Intersource Crosstalk (Worst Point)	
1 kHz	60 dB
250 Hz – 10 kHz	43 dB
Output Voltage, 1 kHz	
Tape Out	775 mV
Pre Out	1.5 V
Output Impedance, 1 kHz	
Tape Out	500 ohms
Pre Out	350 ohms
Headphone Jack Load Impedance	4 ohms or more (200, 400 ohms acceptable)

FM TUNER SECTION:

Frequency Range	87.5 – 108 MHz
Usable Sensitivity 40 kHz Deviation, 98 MHz	
Mono, S/N 26 dB	1.2 μV
Stereo, S/N 46 dB	34 μV
Alternate Channel Selectivity, 98 MHz ±300 kHz	72 dB
Image Response Rejection, 98 MHz	120 dB
IF Rejection, 98 MHz	110 dB
Spurious Response Rejection, 98 MHz	110 dB
AM Suppression, 98 MHz	65 dB
Signal-to-Noise Ratio, 98 MHz	
Unweighted: Mono	73 dB
Stereo	70 dB
Weighted: Mono	78 dB
Stereo	71 dB
Pilot Signal & Subcarrier Rejection	
19 kHz	65 dB
38 kHz	75 dB
Total Harmonic Distortion, 98 MHz	
Mono	0.08%
Stereo	0.1%
Frequency Response	
30 Hz – 15 kHz	+0.2, –1.0 dB
Separation	
250 Hz – 6.3 kHz	47 dB
6.3 – 12.5 kHz	40 dB
Channel Balance	0.1 dB
Output Voltage, 1 kHz	910 mV
Output Impedance, 1 kHz	600 ohms
Acceptable Load Impedance, 1 kHz	47 kohms
Antenna Terminals	
Balanced	300 ohms
Unbalanced	75 ohms

AM TUNER SECTION:

Frequency Range	515 – 1650 kHz
Usable Sensitivity (26 dB S/N 30% Mod., 1 MHz)	15 μV
Selectivity, 1 MHz ±9 kHz	27 dB
Image Rejection, 1 MHz	80 dB
IF Rejection, 1 MHz	50 dB
Spurious Response Rejection, 1 MHz	90 dB
Signal-to-Noise Ratio, 1 MHz	55 dB
Frequency Response, 1 MHz ±3 dB	40 Hz – 2.3 kHz
Total Harmonic Distortion, 1 MHz	0.4%

GENERAL:

Power Requirements	220 V AC, 50 Hz

(E and N versions are featuring an external voltage selector for use on 110/120/240 V. Other versions can be converted by a qualified technician to operate on 110/120/240 V.)

Power Consumption at Rated Output, Both Channels	
Operating	920 W
Idling Power	115 W
Semiconductor Complement	
Integrated Circuits	11
Transistors	123
Diodes	100
Field Effect Transistors	12
Dimensions	
Panel Width	19-1/4" (490 mm)
Panel Height	7" (177 mm)
Depth	17-1/4" (438 mm)
Weight	
Unit alone	60.3 lbs (27.4 kg)
Packed for shipment	64.7 lbs (29.4 kg)

U : For U.S.A.
C : For Canada
E : For Europe

REF. DESIG.	Q'TY			PART NO.	DESCRIPTION
	U	C	E		
Q909	1	1	1	HD20003210	Diode, 1S2471 70V
Q910	1	1	1	HD20003210	Diode, 1S2471 70V
Q911	1	1	1	HD20001210	Diode, 1S2473 35V
R901	1	1	1	RT05224140	Res., Fixed, 220kΩ±5%, ¼W
R902	1	1	1	RT05224140	Res., Fixed, 220kΩ±5%, ¼W
R903	1	1	1	RT05224140	Res., Fixed, 220kΩ±5%, ¼W
R904	1	1	1	RT05224140	Res., Fixed, 220kΩ±5%, ¼W
R905	1	1	1	RT05682140	Res., Fixed, 6.8kΩ ±5%, ¼W
R906	1	1	1	RT05682140	Res., Fixed, 6.8kΩ ±5%, ¼W
R907	1	1	1	RT05472140	Res., Fixed, 4.7kΩ ±5%, ¼W
R908	1	1	1	RT05472140	Res., Fixed, 4.7kΩ ±5%, ¼W
R909	1	1	1	RT05103140	Res., Fixed, 10kΩ ±5%, ¼W
R910	1	1	1	RT05103140	Res., Fixed, 10kΩ ±5%, ¼W
R911	1	1	1	RT05103140	Res., Fixed, 10kΩ ±5%, ¼W
R912	1	1	1	RT05103140	Res., Fixed, 10kΩ ±5%, ¼W
R913	1	1	1	RT05683140	Res., Fixed, 68kΩ ±5%, ¼W
R914	1	1	1	RT05683140	Res., Fixed, 68kΩ ±5%, ¼W
R915	1	1	1	RT05623140	Res., Fixed, 62kΩ ±5%, ¼W
R916	1	1	1	RT05623140	Res., Fixed, 62kΩ ±5%, ¼W
R917	1	1	1	RT05823140	Res., Fixed, 82kΩ ±5%, ¼W
R918	1	1	1	RT05204140	Res., Fixed, 200kΩ±5%, ¼W
R919	1	1	1	RT05105140	Res., Fixed, 1MΩ ±5%, ¼W
R920	1	1	1	RT05105140	Res., Fixed, 1MΩ ±5%, ¼W
R921	1	1	1	RT05224140	Res., Fixed, 220kΩ±5%, ¼W
R922	1	1	1	RT05154140	Res., Fixed, 1.5MΩ±5%, ¼W
R923	1	1	1	RT05153140	Res., Fixed, 15kΩ ±5%, ¼W
R924	1	1	1	RT05473140	Res., Fixed, 47kΩ ±5%, ¼W
R925	1	1	1	RA05020130	Res., Semifixed, 4.7kΩ
R926	1	1	1	RA05020130	Res., Semifixed, 4.7kΩ
R927	1	1	1	RA01020150	Res., Semifixed, 1kΩ
R928	1	1	1	RA01020150	Res., Semifixed, 1kΩ
R929	1	1	1	RT05204140	Res., Fixed, 200kΩ±5%, ¼W
R930	1	1	1	RT05152140	Res., Fixed, 1.5kΩ ±5%, ¼W
R931	1	1	1	RA01030070	Res., Semifixed, 10kΩ
R932	1	1	1	RT05473140	Res., Fixed, 47kΩ ±5%, ¼W
JR51	1	1	1	YP06000570	Plug
PR50	1	1	1	YF22190030	P.W. Board, Buffer Amp
	1	1	1	ZZ22190030	P.W. Board Assembly
PR61	4	4	4	75061001P0	Jumper
QR51	1	1	1	HC10013060	I.C., μPC63H
RR51	1	1	1	GD05102140	Res., Fixed, 1kΩ ±5%, ¼W
RR52	1	1		RA02220080	Res., Semifixed, 2.2kΩ(B)
RR52			1	RA04720060	Res., Semifixed, 4.7kΩ(B)

13. TECHNICAL SPECIFICATIONS

[FOR U.S.A. MODEL ONLY]

AMPLIFIER SECTION:

RATED POWER OUTPUT, MINIMUM CONTINUOUS AVERAGE POWER PER CHANNEL, BOTH CHANNELS DRIVEN	250 W
POWER BAND	20 Hz to 20 kHz
TOTAL HARMONIC DISTORTION	0.05%
LOAD IMPEDANCE	8 OHMS
RATED POWER OUTPUT, MINIMUM CONTINUOUS AVERAGE POWER PER CHANNEL, BOTH CHANNELS DRIVEN	330 W
POWER BAND	20 Hz to 20 kHz
TOTAL HARMONIC DISTORTION	0.08%
LOAD IMPEDANCE	4 OHMS

I.M. Distortion (I.H.F. method, 60 Hz and 7 kHz mixed 4:1 at rated power output)	
at 8 ohm load impedance	0.05%
at 4 ohm load impedance	0.08%
Damping Factor (at 20 Hz)	60
Sensitivity (at MAIN IN)	1.5 V
Impedance (at MAIN IN)	40 kohms
Frequency Response for Power Amp Only (at 1 Watt output, 20 Hz to 20 kHz)	±0.2 dB

PREAMPLIFIER SECTION:

Phono	
Input Overload at 1 kHz	200 mV
Equivalent Input Noise	1.0 µV
Dynamic Range (Dynamic Range is the ratio of input overload to equivalent input noise)	106 dB
Input Sensitivity	1.8 mV
Input Impedance	47 kohms
Input Capacitance	100 pF
Frequency Response, RIAA 20 Hz to 20 kHz	±0.2 dB
Signal-to-Noise Ratio (at rated output and 7.75 mV input)	80 dB
High Level (Aux and Tape)	
Input Sensitivity	180 mV
Input Impedance	40 kohms
Frequency Response (includes power amp)	10 Hz to 60 kHz, ±1.0 dB
Signal-to-Noise Ratio (ref. to rated output and 775 mV input)	98 dB
Output Levels	
Tape Out (ref. 7.75 mV at Phono inputs)	775 mV
Pre-Out (ref. 180 mV at Aux inputs)	1.5 V
(ref. 500 mV at Aux inputs, main amp disconnected)	4.2 V
Output Impedance	
Tape Out	500 ohms
Pre-Out	450 ohms

FM TUNER SECTION:

Sensitivity	
IHF Usable	8.75 dBf (1.5 µV)
IHF 50 dB Quieting (Mono)	12.1 dB (2.2 µV)
(Stereo)	33.2 dBf (25 µV)
Quieting Slope (Mono)	
RF Input for 30 dB Quieting	6.8 dBf (1.2 µV)
Quieting at:	
20 dBf (5.5 µV)	60 dB
25 dBf (10 µV)	66 dB
40 dBf (55 µV)	78 dB
65 dBf (1000 µV)	82 dB
Quieting Slope (Stereo)	
Quieting at:	
30 dBf (17 µV)	49 dB
40 dBf (55 µV)	62 dB
50 dBf (173 µV)	70 dB
65 dBf (1000 µV)	75 dB
Distortion (Mono) at 65 dBf (1000 µV)	
100 Hz	0.15%
1000 Hz	0.1%
6000 Hz	0.15%
Distortion (Stereo) at 65 dBf (1000 µV)	
100 Hz	0.35%
1000 Hz	0.2%
6000 Hz	0.3%
Distortion (Mono and Stereo) at 50 dB Quieting, 1000 Hz	0.4%
Hum and Noise at 65 dBf (1000 µV)	
Mono	80 dB
Frequency Response 30 Hz to 15 kHz	
Mono	+0.2 dB, –1.0 dB
Stereo	+0.2 dB, –1.0 dB
Capture Ratio at 65 dBf (1000 µV)	1.0 dB
Alternate Channel Selectivity	85 dB
Spurious Response Rejection	120 dB
Image Response Rejection	120 dB
I.F. Rejection (Balanced)	120 dB
A.M. Suppression	60 dB
Stereo Separation	
100 Hz	45 dB
1000 Hz	50 dB
10 kHz	42 dB
Subcarrier Rejection	75 dB

AM TUNER SECTION:

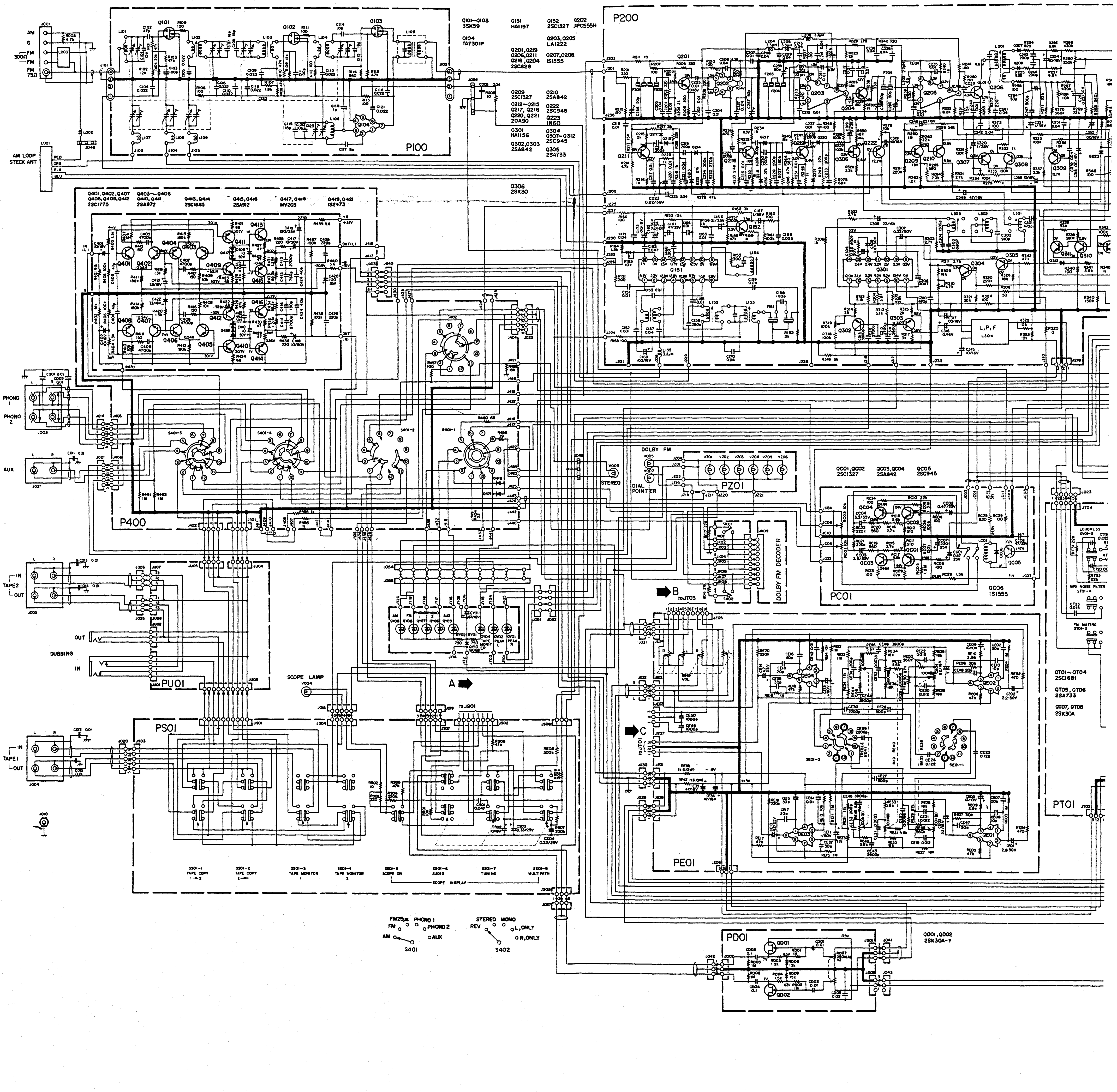
IHF Usable Sensitivity	10 µV
Distortion (THD), 30% Modulation	0.4%
Signal-to-Noise Ratio	55 dB
Alternate Channel Selectivity	50 dB
Image Rejection	80 dB
Spurious Response Rejection	80 dB
I.F. Rejection	80 dB

GENERAL:

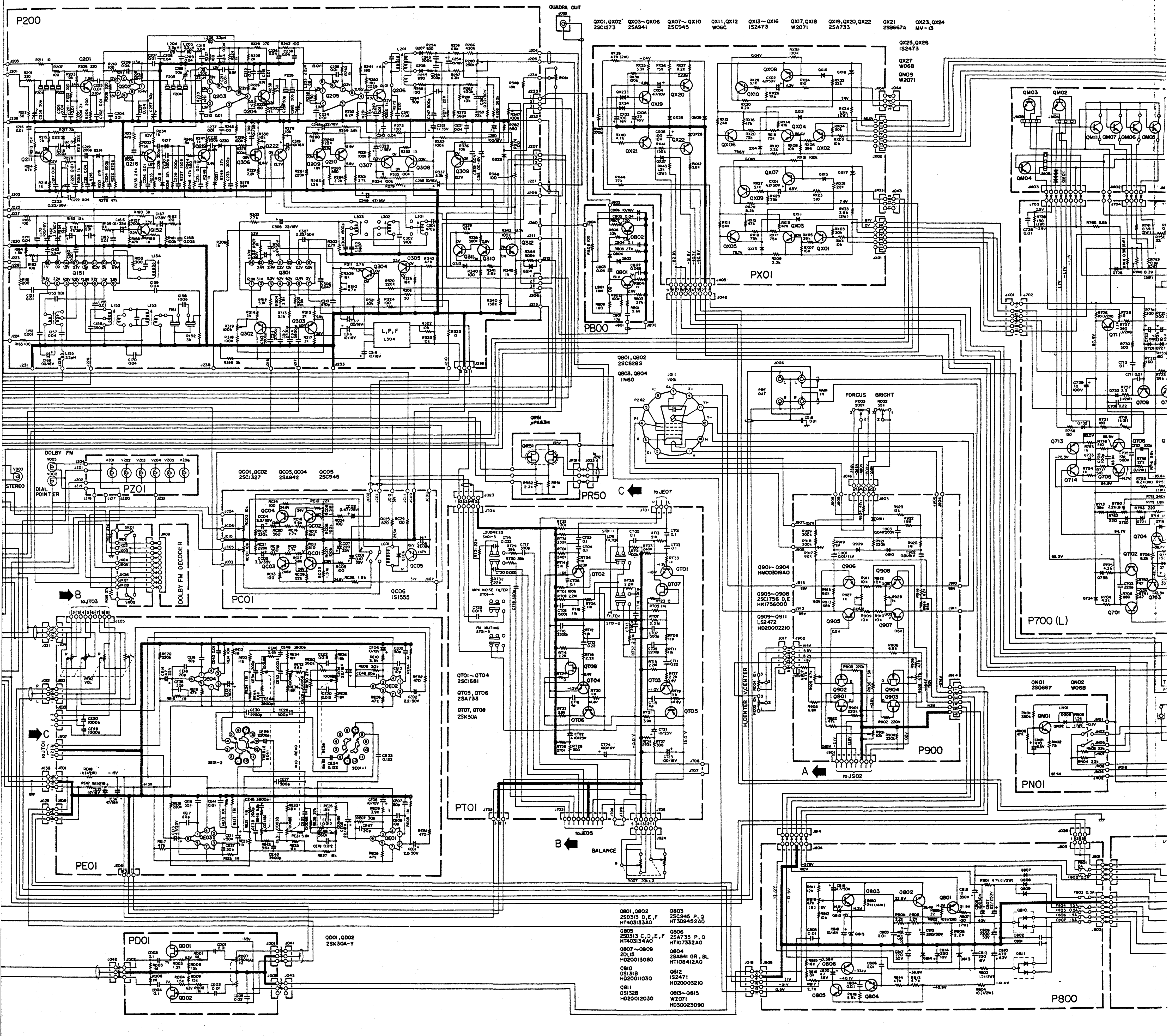
Power Requirements	120 V AC, 60 Hz
Power Consumption at rated output, both channels operating	920 W
Idling Power (Volume Control at zero)	115 W
Dimensions:	
Panel Width	490 mm (19-1/4")
Panel Height	177 mm (7")
Depth	438 mm (17-1/4")
Weight:	
Unit alone	27 kg (59.4 lbs)
Packed for Shipment	29 kg (63.8 lbs)

14. SCHEMATIC DIAGRAMS

SCHEMATIC DIAGRAM – U.S.A. & CANADA

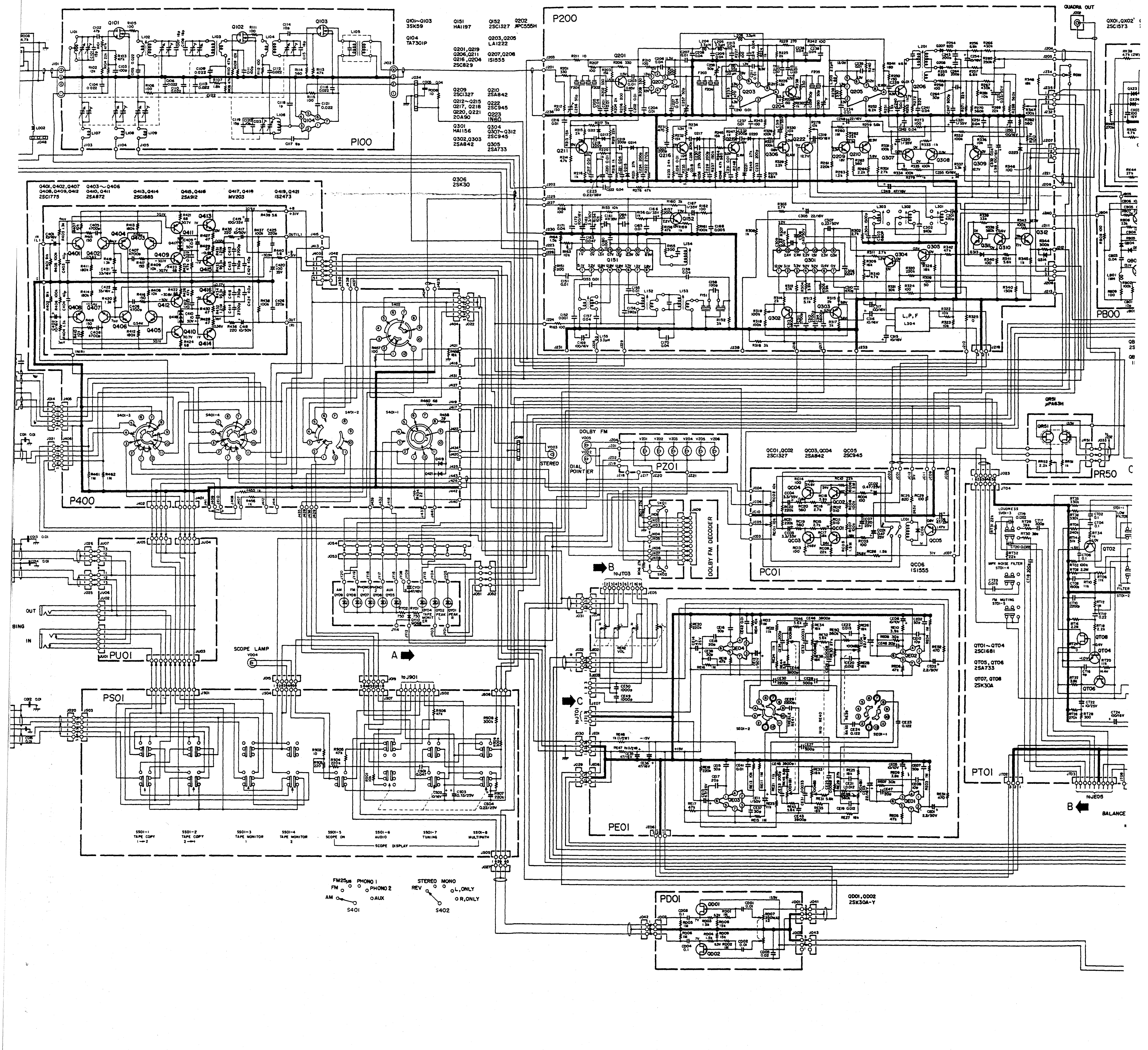


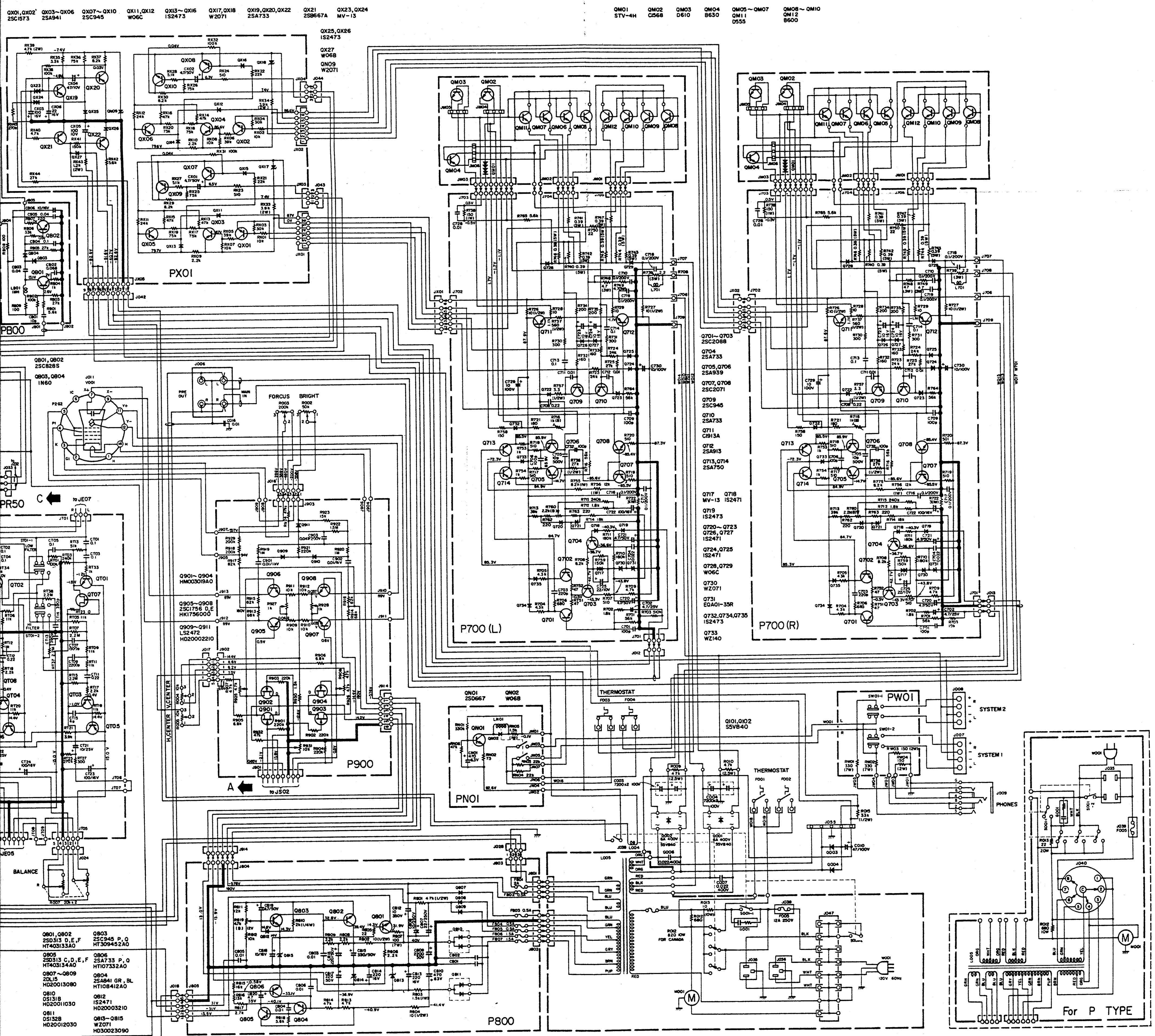
AM
G
300Ω FM
FM 75Ω
J001
AM LOOP STECK ANT
RED
ORG
BLK
BLU
P100
Q101
Q102
Q103
Q104
Q101~Q103 3SK59
Q104 TA7301P
Q151 HA1197
Q152 2SC1327
Q202 μPC555H
Q201,Q219 Q206,Q211 Q216,Q204 2SC829
Q203,Q205 LA1222
Q207,Q208 1S1555
Q209 2SC1327
Q210 2SA842
Q212~Q215 Q217,Q218 2SC945
Q222 2SC945
Q220,Q221 2OA90
Q223 1N60
Q301 HA1156
Q304 Q307~Q312 2SC945
Q302,Q303 2SA842
Q305 2SA733
Q306 2SK30
P200
L.P.F L304
Q401,Q402,Q407 Q408,Q409,Q412 2SC1775
Q403~Q406 Q410,Q411 2SA872
Q413,Q414 2SC1885
Q415,Q416 2SA912
Q417,Q418 MV203
Q419,Q421 1S2473
P400
PHONO 1
PHONO 2
AUX
S401-1
S401-2
S401-3
S401-4
S402
STEREO
DOLBY FM
DIAL POINTER
PZ01
DOLBY FM DECODER
QC01,QC02 2SC1327
QC03,QC04 2SA842
QC05 2SC945
QC06 1S1555
PC01
LOUDNESS
MPX NOISE FILTER
FM MUTING
QT01~QT04 2SC1681
QT05,QT06 2SA733
QT07,QT08 2SK30A
PT01
A
B
C
PE01
TAPE 2 IN
TAPE 2 OUT
OUT
DUBBING
IN
PU01
SCOPE LAMP
PS01
TAPE 1 IN
TAPE 1 OUT
S501-1 TAPE COPY 1→2
S501-2 TAPE COPY 2→1
S501-3 TAPE MONITOR 1
S501-4 TAPE MONITOR 2
S501-5 SCOPE ON
S501-6 AUDIO
S501-7 TUNING
S501-8 MULTIPATH
SCOPE DISPLAY
FM25μs
PHONO 1
FM
PHONO 2
AM
AUX
S401
STEREO
MONO
REV
L,ONLY
R,ONLY
S402
PD01
Q001
Q002
Q001,Q002 2SK30A-Y


P200
QUADRA OUT
QX01,QX02 2SC1573
QX03~QX06 2SA941
QX07~QX10 2SC945
QX11,QX12 W06C
QX13~QX16 1S2473
QX17,QX18 W2071
QX19,QX20,QX22 2SA733
QX21 2SB667A
QX23,QX24 MV-13
QX25,QX26 1S2473
QX27 W06B
QN09 W2071
PX01
PB00
QB01,QB02 2SC828S
QB03,QB04 1N60
L,P,F
QR51 μPA63H
PR50
PZ01
DOLBY FM
STEREO
DIAL POINTER
DOLBY FM DECODER
QC01,QC02 2SC1327
QC03,QC04 2SA842
QC05 2SC945
QC06 1S1555
PC01
FORCUS
BRIGHT
PRE OUT
MAIN IN
Q901~Q904 HM0030190A0
Q905~Q908 2SC1756 D,E HK1756000
Q909~Q911 LS2472 HD20002210
H,CENTER
V,CENTER
P900
P700 (L)
QN01 2SD667
QN02 W06B
PN01
LOUDNESS
MPX NOISE FILTER ST01-4
FM MUTING ST01-5
QT01~QT04 2SC1681
QT05,QT06 2SA733
QT07,QT08 2SK30A
PT01
BALANCE
PE01
PD01
QD01,QD02 2SK30A-Y
Q801,Q802 2SD313 D,E,F HT403133A0
Q803 2SC945 P,Q HT309452A0
Q805 2SD313 C,D,E,F HT403134A0
Q806 2SA733 P,Q HT107332A0
Q807~Q809 2DL15 HD20013080
Q804 2SA841 GR,BL HT108412A0
Q810 DS131B HD20011030
Q812 1S2471 HD20003210
Q811 DS132B HD20012030
Q813~Q815 WZ071 HD30023090
P800
A
B
C

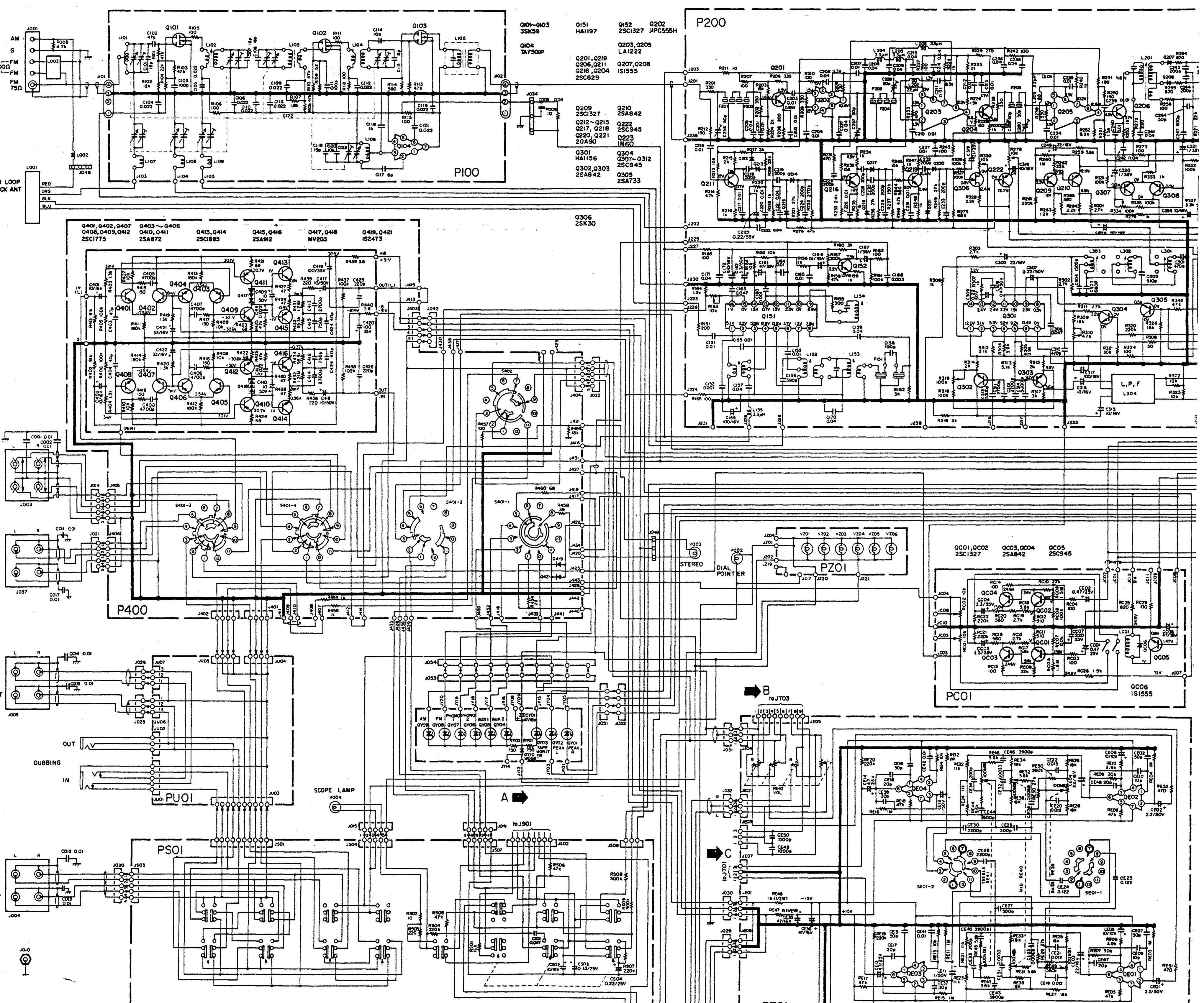
ATIC DIAGRAMS

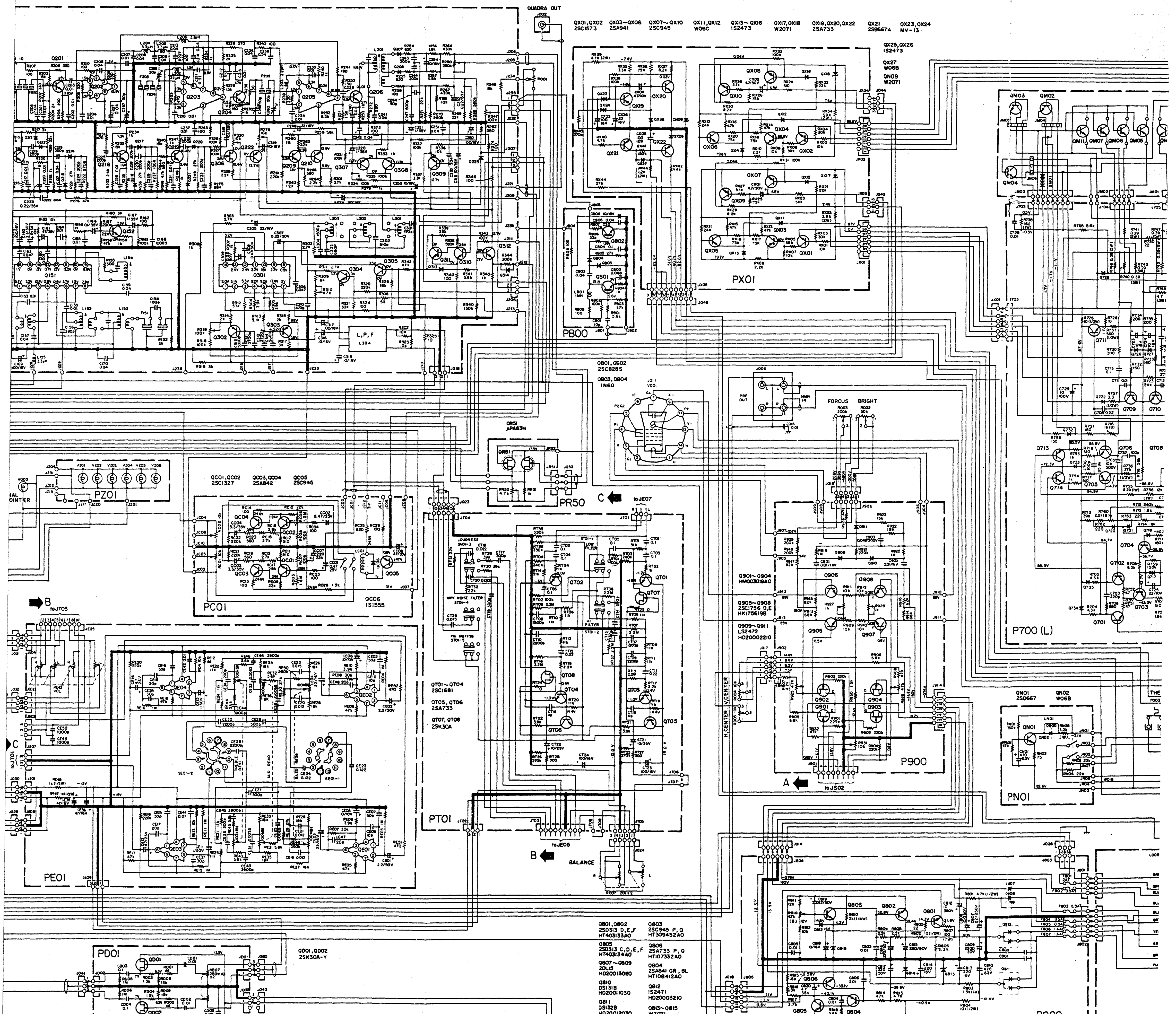
ATIC DIAGRAM – U.S.A. & CANADA


P100
P200
P400
PU01
PS01
PE01
PD01
PZ01
PC01
PT01
PB00
PR50
DOLBY FM DECODER
QUADRA OUT
SCOPE LAMP
STEREO
DIAL POINTER
L.P.F
S401
S402
Q101~Q103 3SK59
Q104 TA7301P
Q151 HA1197
Q152 2SC1327
Q202 μPC555H
Q306 2SK30
Q401,Q402,Q407 Q408,Q409,Q412 2SC1775
QC01,QC02 2SC1327
QC03,QC04 2SA842
QC05 2SC945
QC06 1S1555
QT01~QT04 2SC1681
QT05,QT06 2SA733
QT07,QT08 2SK30A
QD01,QD02 2SK30A-Y
S501-1 TAPE COPY 1→2
S501-2 TAPE COPY 2→1
S501-3 TAPE MONITOR 1
S501-4 TAPE MONITOR 2
S501-5 SCOPE ON
S501-6 AUDIO
S501-7 TUNING
S501-8 MULTIPATH
SCOPE DISPLAY
FM25μs
FM
AM
PHONO 1
PHONO 2
AUX
STEREO
MONO
REV
L,ONLY
R,ONLY
BALANCE
A
B
C
OUT
IN


QX01,QX02 2SC1573
QX03~QX06 2SA941
QX07~QX10 2SC945
QX11,QX12 W06C
QX13~QX16 1S2473
QX17,QX18 W2071
QX19,QX20,QX22 2SA733
QX21 2SB667A
QX23,QX24 MV-13
QX25,QX26 1S2473
QX27 W06B
QN09 W2071
QM01 STV-4H
QM02 C1568
QM03 D610
QM04 B630
QM05~QM07 QM11 0555
QM08~QM10 QM12 B600
PX01
PB00
Q801,Q802 2SC828S
Q803,Q804 1N60
FORCUS
BRIGHT
PR50
P700 (L)
P700 (R)
Q701~Q703 2SC2088
Q704 2SA733
Q705,Q706 2SA939
Q707,Q708 2SC2071
Q709 2SC945
Q710 2SA733
Q711 C1913A
Q712 2SA913
Q713,Q714 2SA750
Q717 Q718 MV-13 1S2471
Q719 1S2473
Q720~Q723 Q726,Q727 1S2471
Q724,Q725 W06C
Q728,Q729 W06C
Q730 W2071
Q731 E0A01-35R
Q732,Q734,Q735 1S2473
Q733 WZ140
Q901~Q904 HM0030190A0
Q905~Q908 2SC1756 D,E HK1756000
Q909~Q911 LS2472 HD20002210
P900
H.CENTER
V.CENTER
PN01
QN01 2SD667
QN02 W06B
THERMOSTAT
Q101,Q102 S5VB40
PW01
SYSTEM 2
SYSTEM 1
PHONES
BALANCE
Q801,Q802 2SD313 D,E,F HT403133A0
Q803 2SC945 P,Q HT309452A0
Q805 2SD313 C,D,E,F HT403134A0
Q806 2SA733 P,Q HT107332A0
Q807~Q809 2DL15 HD20013080
Q804 2SA841 GR,BL HT108412A0
Q810 DS1318 HD20011030
Q812 1S2471 HD20002210
Q811 DS1328 HD20012030
Q813~Q815 WZ071 HD30023090
P800
FOR CANADA
120V 60Hz
For P TYPE

SCHEMATIC DIAGRAM – EUROPE


P100
P200
P400
PZ01
PC01
PU01
PS01
PE01
PD01
AM
G
300Ω FM
FM 75Ω
AM LOOP STECK ANT
PHONO 1
PHONO 2
AUX 1
AUX 2
TAPE2 IN
TAPE2 OUT
DUBBING OUT
DUBBING IN
TAPE1 IN
TAPE1 OUT
SCOPE LAMP
STEREO
DIAL POINTER
L.P.F
A
B
C
SS01-1 TAPE COPY 1→2
SS01-2 TAPE COPY 2→1
SS01-3 TAPE MONITOR 1
SS01-4 TAPE MONITOR 2
SS01-5 SCOPE ON
SS01-6 AUDIO
SS01-7 TUNING
SS01-8 MULTIPATH
SCOPE DISPLAY
PHONO 1
PHONO 2
FM
AUX 1
AM
AUX 2
S401
STEREO
MONO
REV
L ONLY
R ONLY
S402
Q101~Q103 3SK59
Q104 TA7301P
Q151 HA1197
Q152 2SC1327
Q202 μPC555H
Q201,Q219 Q206,Q211 Q216,Q204 2SC829
Q203,Q205 LA1222
Q207,Q208 1S1555
Q209 2SC1327
Q210 2SA842
Q212~Q215 Q217,Q218 Q220,Q221 2OA90
Q222 2SC945
Q223 1N60
Q301 HA1156
Q304 Q307~Q312 2SC945
Q302,Q303 2SA842
Q305 2SA733
Q306 2SK30
Q401,Q402,Q407 Q408,Q409,Q412 2SC1775
Q403~Q406 Q410,Q411 2SA872
Q413,Q414 2SC1885
Q415,Q416 2SA912
Q417,Q418 MV203
Q419,Q421 1S2473
QC01,QC02 2SC1327
QC03,QC04 2SA842
QC05 2SC945
QC06 1S1555
QD01,QD02 2SK30A-Y


QUADRA OUT
J002
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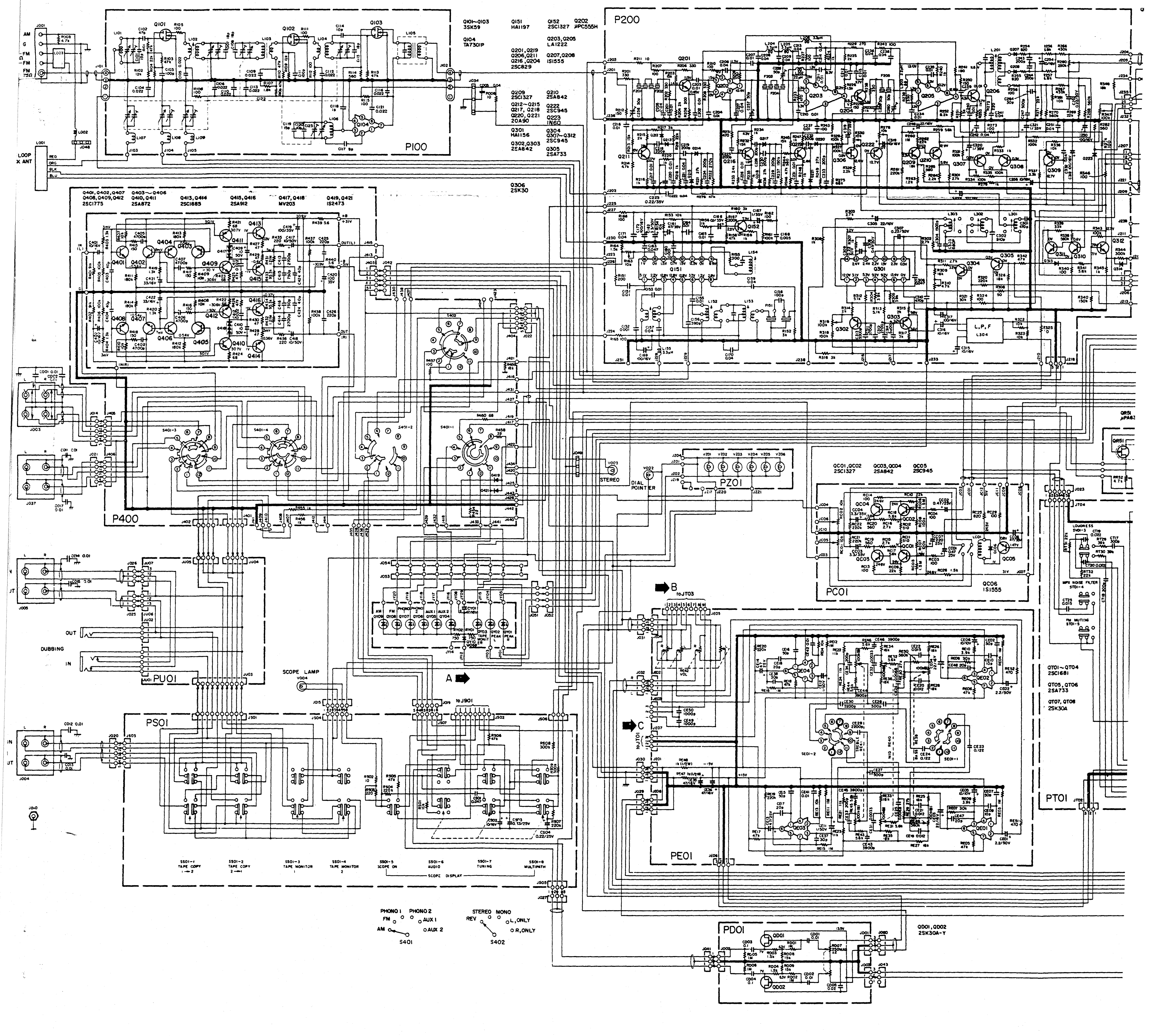
QX03~QX06 2SA941
QX07~QX10 2SC945
QX11,QX12 W06C
QX13~QX16 1S2473
QX17,QX18 W2071
QX19,QX20,QX22 2SA733
QX21 2SB667A
QX23,QX24 MV-13
QX25,QX26 1S2473
QX27 W06B
QN09 W2071
PX01
PB00
Q801,Q802 2SC828S
Q803,Q804 1N60
QR51 μPA63H
PR50
PZ01
QC01,QC02 2SC1327
QC03,QC04 2SA842
QC05 2SC945
QC06 1S1555
PC01
LOUDNESS
MPX NOISE FILTER
FM MUTING
LOW FILTER
HIGH FILTER
QT01~QT04 2SC1681
QT05,QT06 2SA733
QT07,QT08 2SK30A
PT01
PE01
PD01
QD01,QD02 2SK30A-Y
BALANCE
PRE OUT
FORCUS
BRIGHT
H.CENTER
V.CENTER
Q901~Q904 HM0030190A
Q905~Q908 2SC1756 D,E HK1756198
Q909~Q911 LS2472 HD20002210
P900
P700 (L)
QN01 2SD667
QN02 W06B
PN01
Q801,Q802 2SD313 D,E,F HT403133A0
Q803 2SC945 P,Q HT309452A0
Q805 2SD313 C,D,E,F HT403134A0
Q806 2SA733 P,Q HT107332A0
Q807~Q809 2DL15 HD20013080
Q804 2SA841 GR, BL HT108412A0
Q810 DS1318 HD20011030
Q812 1S2471 HD20003210
Q811 DS1328 HD20012030
Q813~Q815 WZ071 HD030023090
P800
A
B
C
to JE07
to JE05
to JS02
to JT03
to JT01

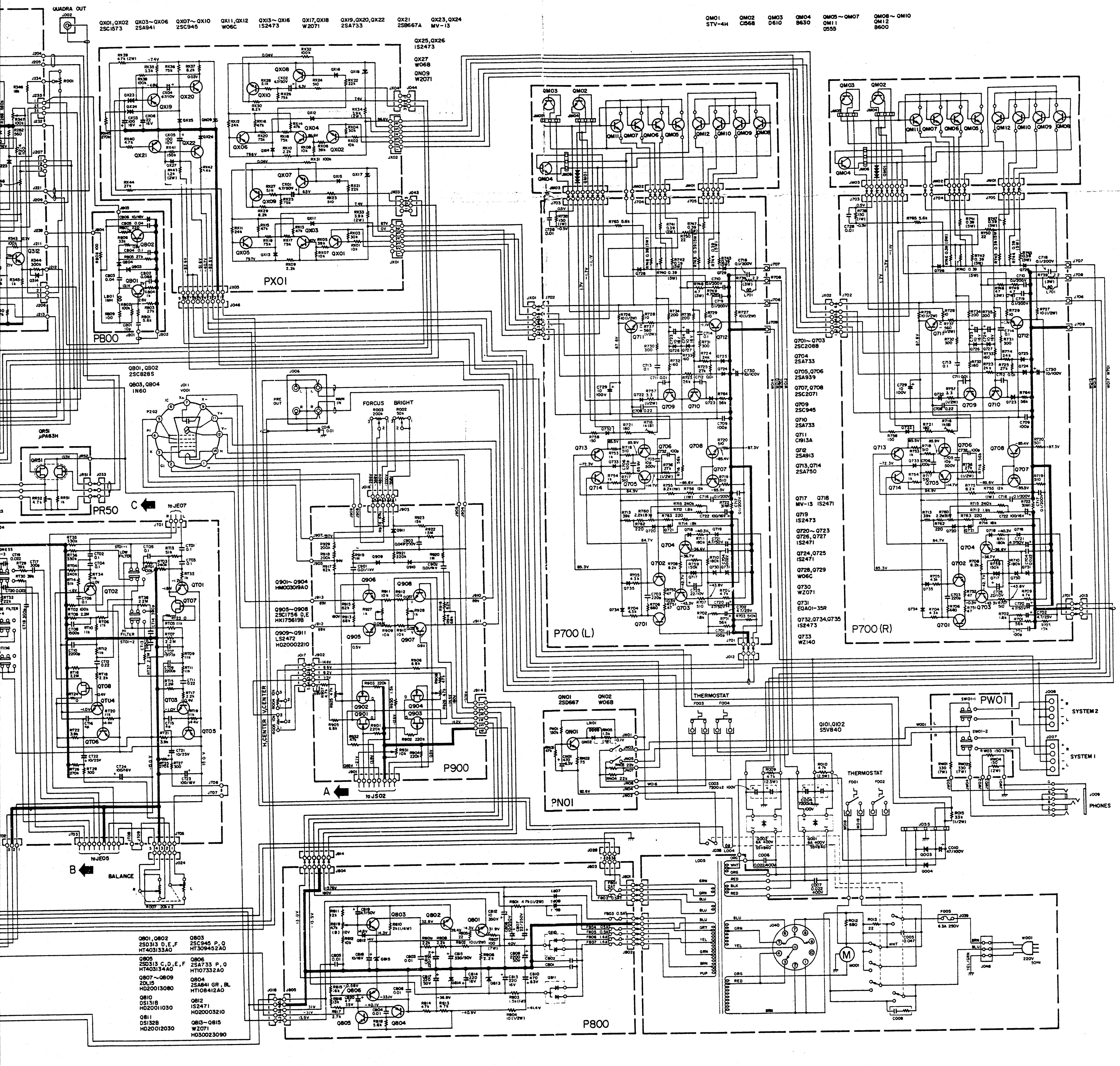
Marantz 255

)IAGRAM – EUROPE


P100
P200
P400
PU01
PS01
PZ01
PC01
PE01
PT01
PD01
Q101~Q103 3SK59
Q104 TA7301P
Q151 HA1197
Q152 2SC1327
Q202 μPC555H
Q201,Q219 Q206,Q211 Q216,Q204 2SC829
Q203,Q205 LA1222
Q207,Q208 1S1555
Q209 2SC1327
Q210 2SA842
Q212~Q215 Q217,Q218 Q220,Q221 2OA90
Q222 2SC945
Q223 1N60
Q301 HA1156
Q304 Q307~Q312 2SC945
Q302,Q303 2SA842
Q305 2SA733
Q306 2SK30
Q401,Q402,Q407 Q408,Q409,Q412 2SC1775
Q403~Q406 Q410,Q411 2SA872
Q413,Q414 2SC1685
Q415,Q416 2SA912
Q417,Q418 MV203
Q419,Q421 1S2473
QC01,QC02 2SC1327
QC03,QC04 2SA842
QC05 2SC945
QC06 1S1555
QT01~QT04 2SC1681
QT05,QT06 2SA733
QT07,QT08 2SK30A
QD01,QD02 2SK30A-Y
AM
FM
LOOP ANT
STEREO
DIAL POINTER
SCOPE LAMP
OUT
DUBBING
IN
L.P.F
LOUDNESS
MPX NOISE FILTER
FM MUTING
S501-1 TAPE COPY 1→2
S501-2 TAPE COPY 2→1
S501-3 TAPE MONITOR 1
S501-4 TAPE MONITOR 2
S501-5 SCOPE ON
S501-6 AUDIO
S501-7 TUNING
S501-8 MULTIPATH
SCOPE DISPLAY
PHONO 1 PHONO 2 FM AUX 1 AM AUX 2 S401
STEREO MONO REV L ONLY R ONLY S402
A
B
C
to JT03
to J901
to JT01

Mara

MODEL 2500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QX01,QX02 2SC1573
QX03~QX06 2SA941
QX07~QX10 2SC945
QX11,QX12 W06C
QX13~QX16 1S2473
QX17,QX18 W2071
QX19,QX20,QX22 2SA733
QX21 2SB667A
QX23,QX24 MV-13
QX25,QX26 1S2473
QX27 W068
QN09 W2071
QM01 STV-4H
QM02 C1568
QM03 D610
QM04 B630
QM05~QM07 QM11 D555
QM08~QM10 QM12 B600
PX01
PB00
Q801,Q802 2SC828S
Q803,Q804 1N60
QR51 μPA63H
PR50
C
to JE07
PRE OUT
MAIN IN
FORCUS
BRIGHT
Q901~Q904 HM003019A0
Q905~Q908 2SC1756 D,E HK1756198
Q909~Q911 LS2472 HD20002210
H.CENTER
V.CENTER
P900
A
to JS02
B
to JE05
BALANCE
R007 20k x 2
Q701~Q703 2SC2088
Q704 2SA733
Q705,Q706 2SA939
Q707,Q708 2SC2071
Q709 2SC945
Q710 2SA733
Q711 C1913A
Q712 2SA913
Q713,Q714 2SA750
Q717 MV-13
Q718 1S2471
Q719 1S2473
Q720~Q723 Q726,Q727 1S2471
Q724,Q725 1S2471
Q728,Q729 W06C
Q730 WZ071
Q731 EQA01-35R
Q732,Q734,Q735 1S2473
Q733 WZ140
P700 (L)
P700 (R)
QN01 2SD667
QN02 W068
PN01
THERMOSTAT
Q101,Q102 S5V840
PW01
SYSTEM 2
SYSTEM 1
PHONES
Q801,Q802 2SD313 D,E,F HT403133A0
Q803 2SC945 P,Q HT309452A0
Q805 2SD313 C,D,E,F HT403134A0
Q806 2SA733 P,Q HT107332A0
Q807~Q809 2DL15 HD20013080
Q804 2SA841 GR,BL HT108412A0
Q810 DS1318 HD20011030
Q812 1S2471 HD20003210
Q811 DS1328 HD20012030
Q813~Q815 WZ071 HD30023090
P800
220V 50Hz

Marantz 255